

Fig. 1

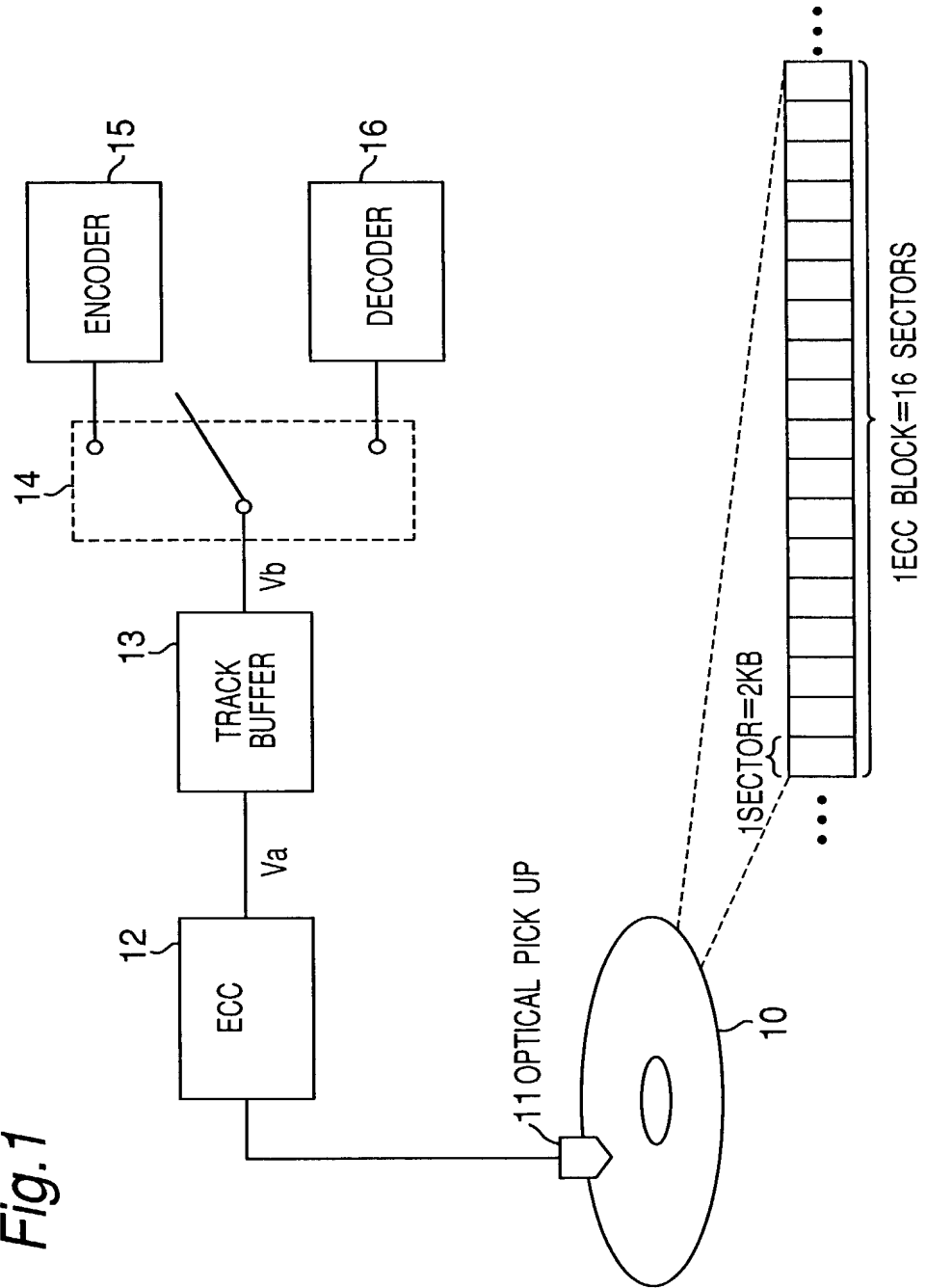


Fig.2A

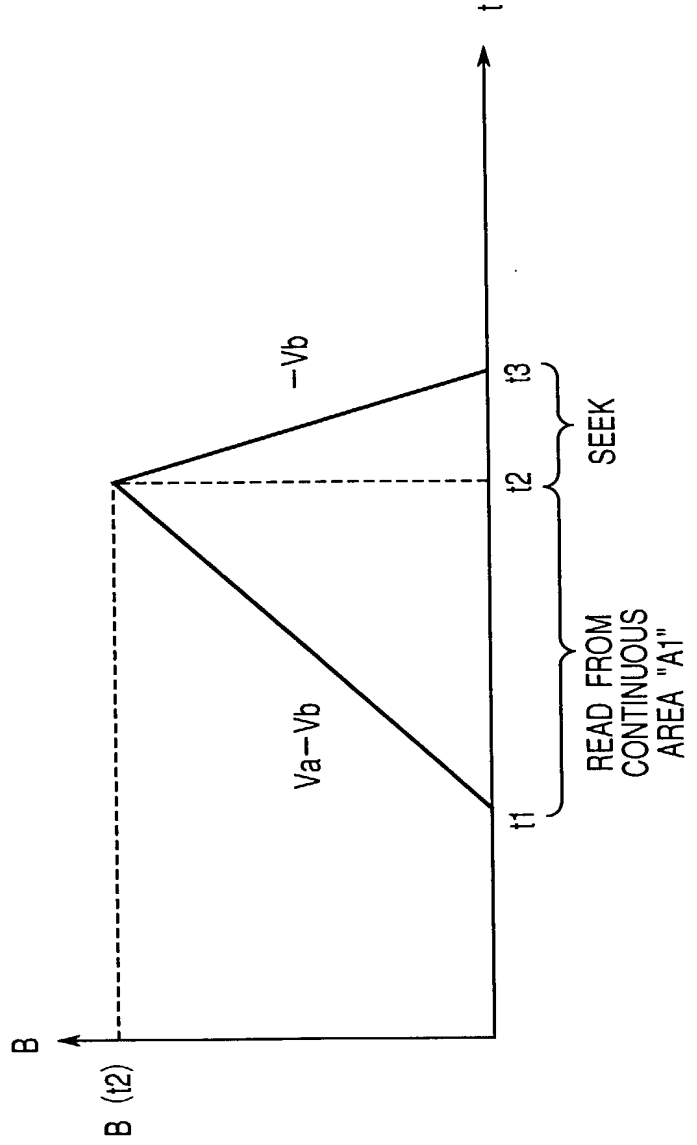
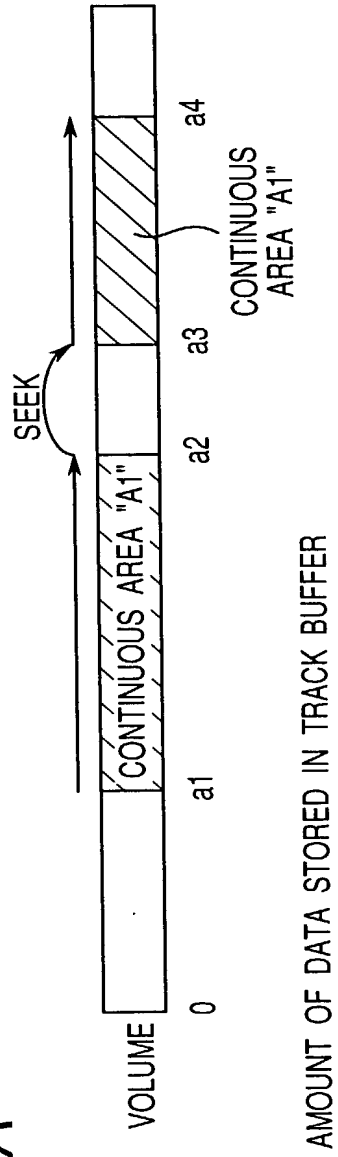
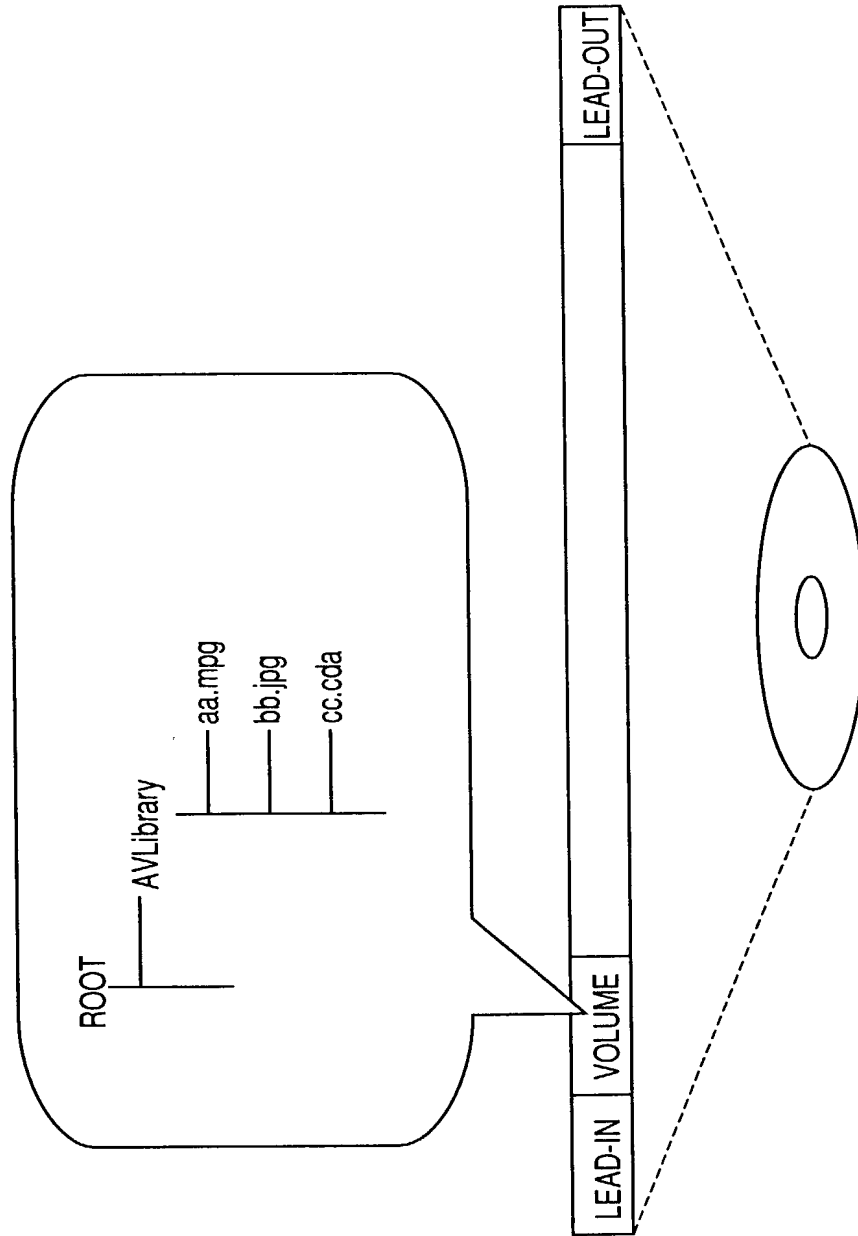


Fig.2B

Fig.3



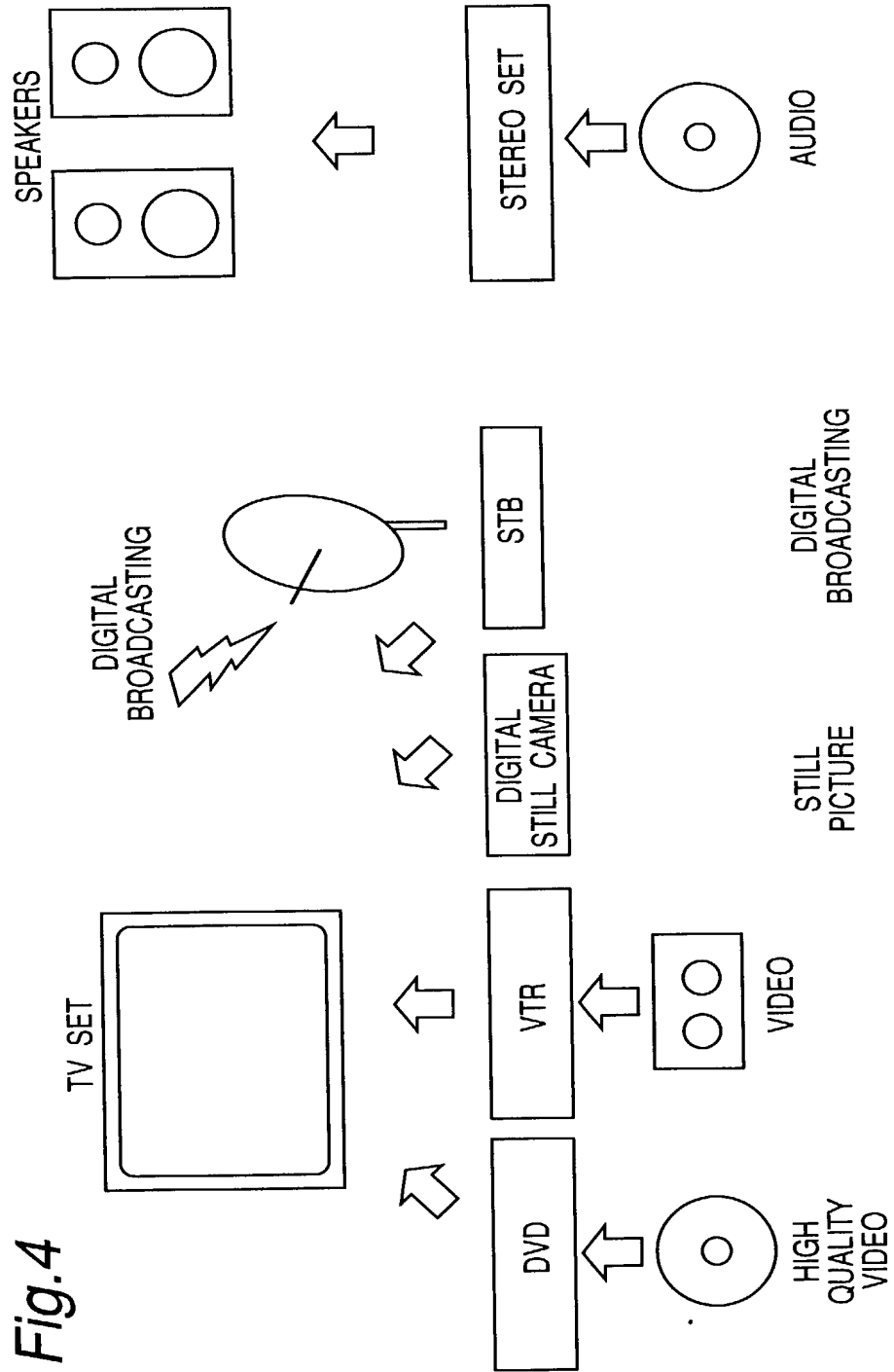


Fig. 5

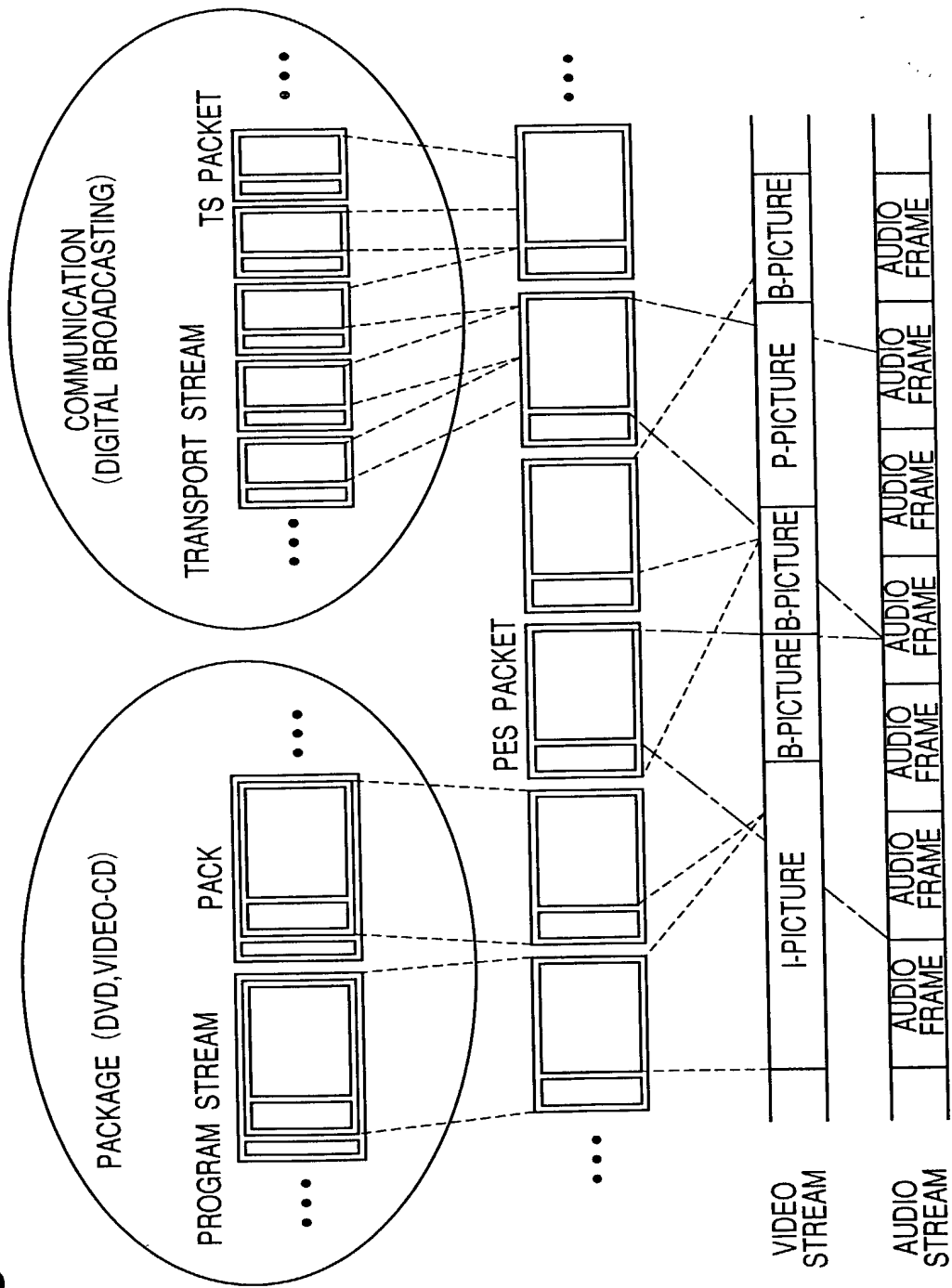


Fig.6

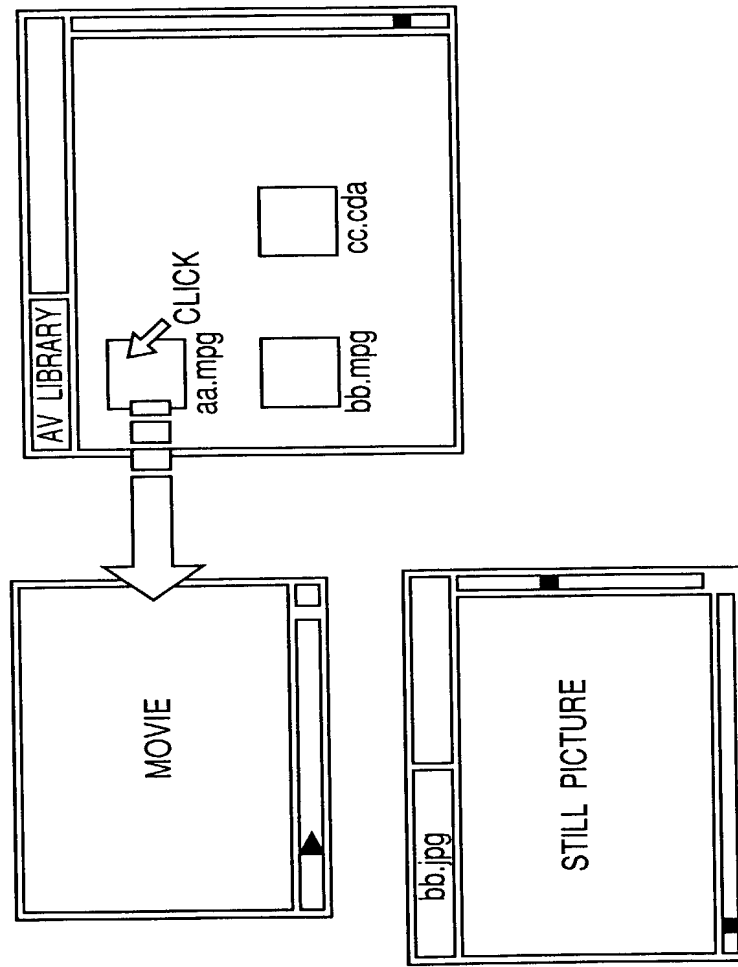


Fig. 7

The diagram illustrates a digital video system architecture. At the top, two broadcast sources are shown: 'ANALOG BROADCASTING' (represented by a lightning bolt and a multi-antenna tower) and 'DIGITAL BROADCASTING' (represented by a lightning bolt and a single-antenna tower). Arrows from these sources point to a 'TV SET' (a large rectangle with two circular speakers on either side). Below the TV set, a 'DVD RECORDER' is shown. A 'STEREO SET' (a rectangle) is connected to the DVD recorder via a 'VTR' (Video Tape Recorder) interface. The DVD recorder is also connected to a 'DIGITAL STILL CAMERA' (a rectangle). The system outputs 'AUDIO' (from the stereo set) and 'HIGH QUALITY VIDEO (DVD Video)' (from the DVD recorder) to a 'STILL PICTURE' (a rectangle).

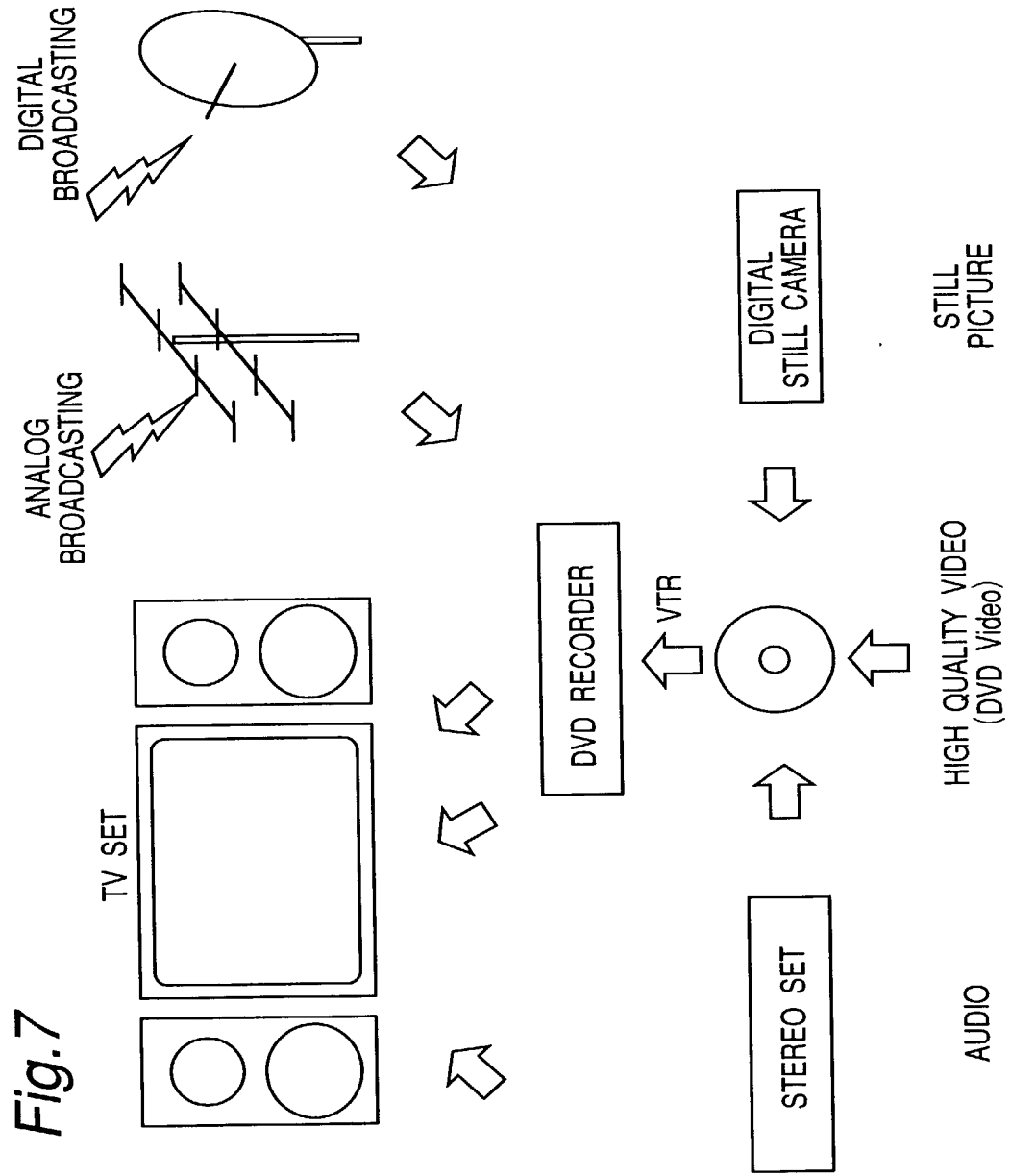


Fig.8

<u>PROGRAM</u>	<u>RECORDING DATE & TIME</u>
1) The Foreign Movie Theater	99.9.20 pm9 : 00-
2) Morning Drama Series	99.9.22 am8 : 30-
3) World Cup Finals	99.6.10 am2 : 00-
4) Beethoven	96.4.1

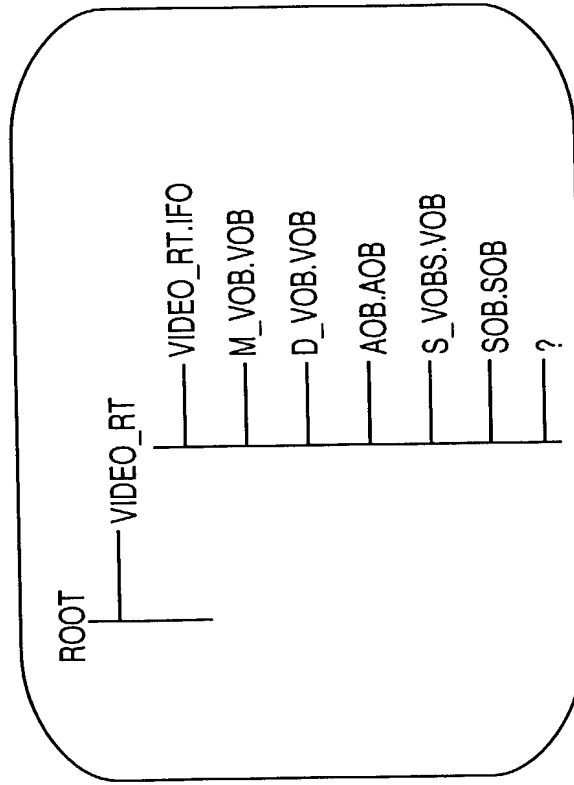


Fig. 9A

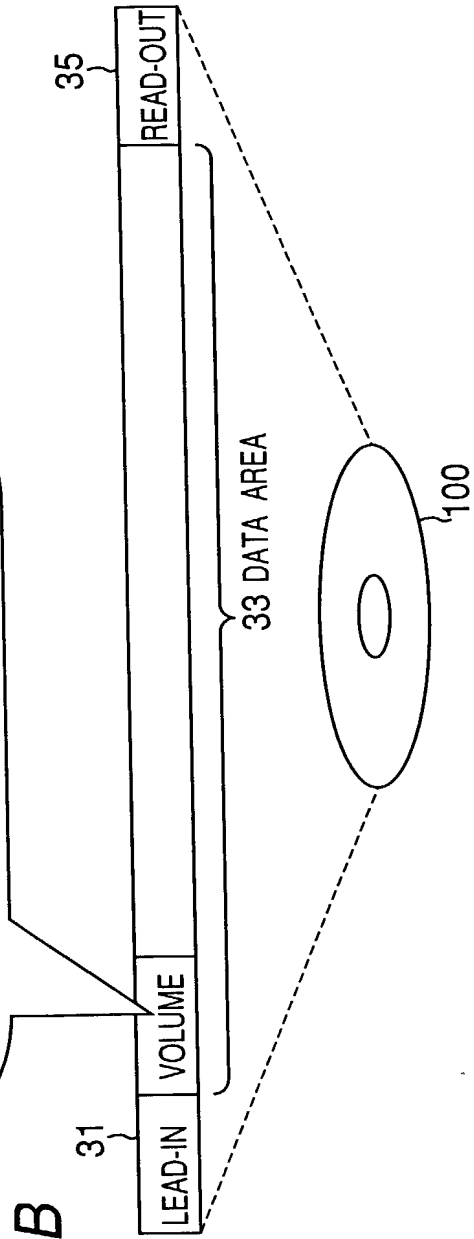


Fig. 9B

Fig.10

VIDEO_RT.IFO FILE

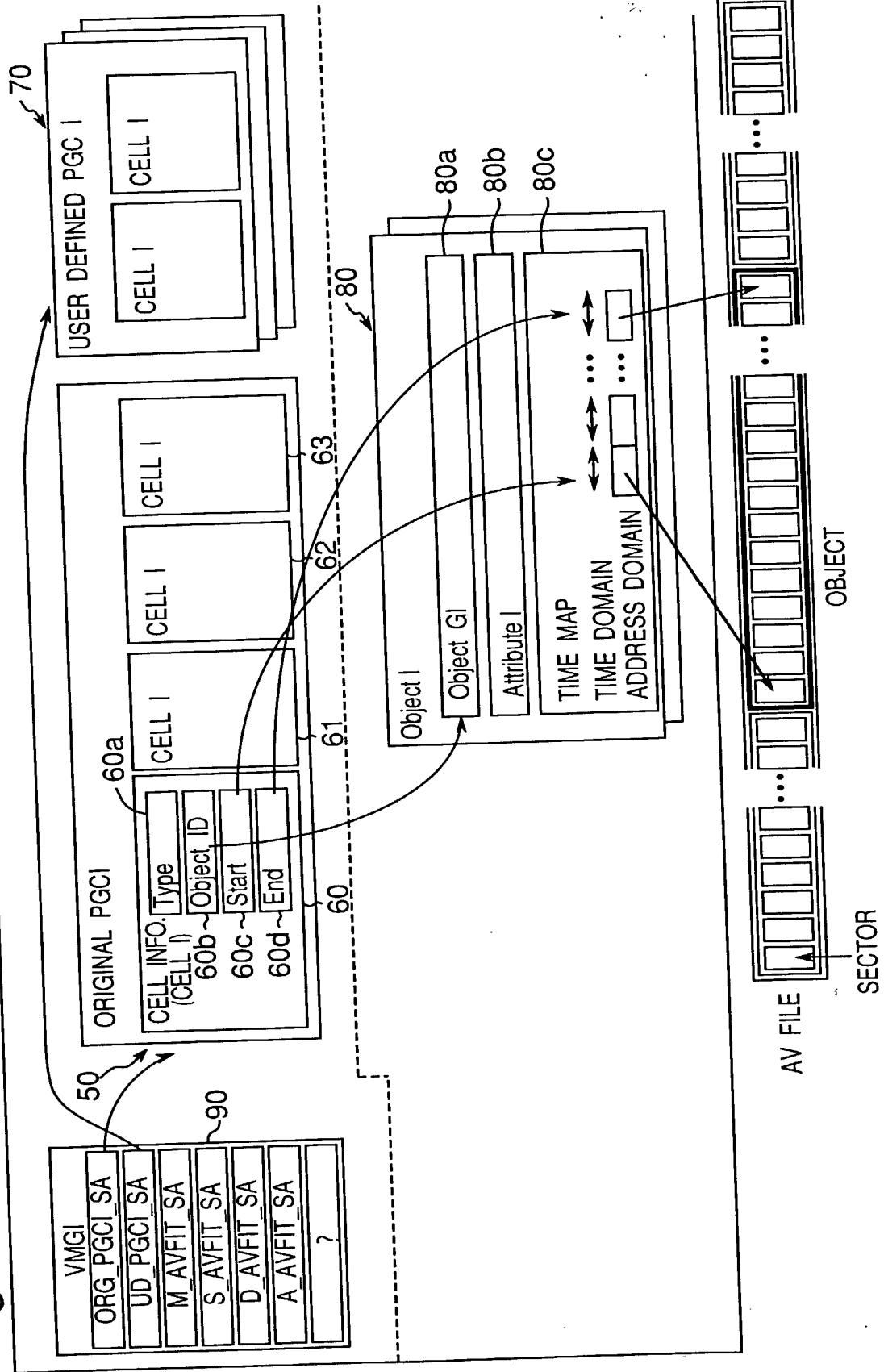
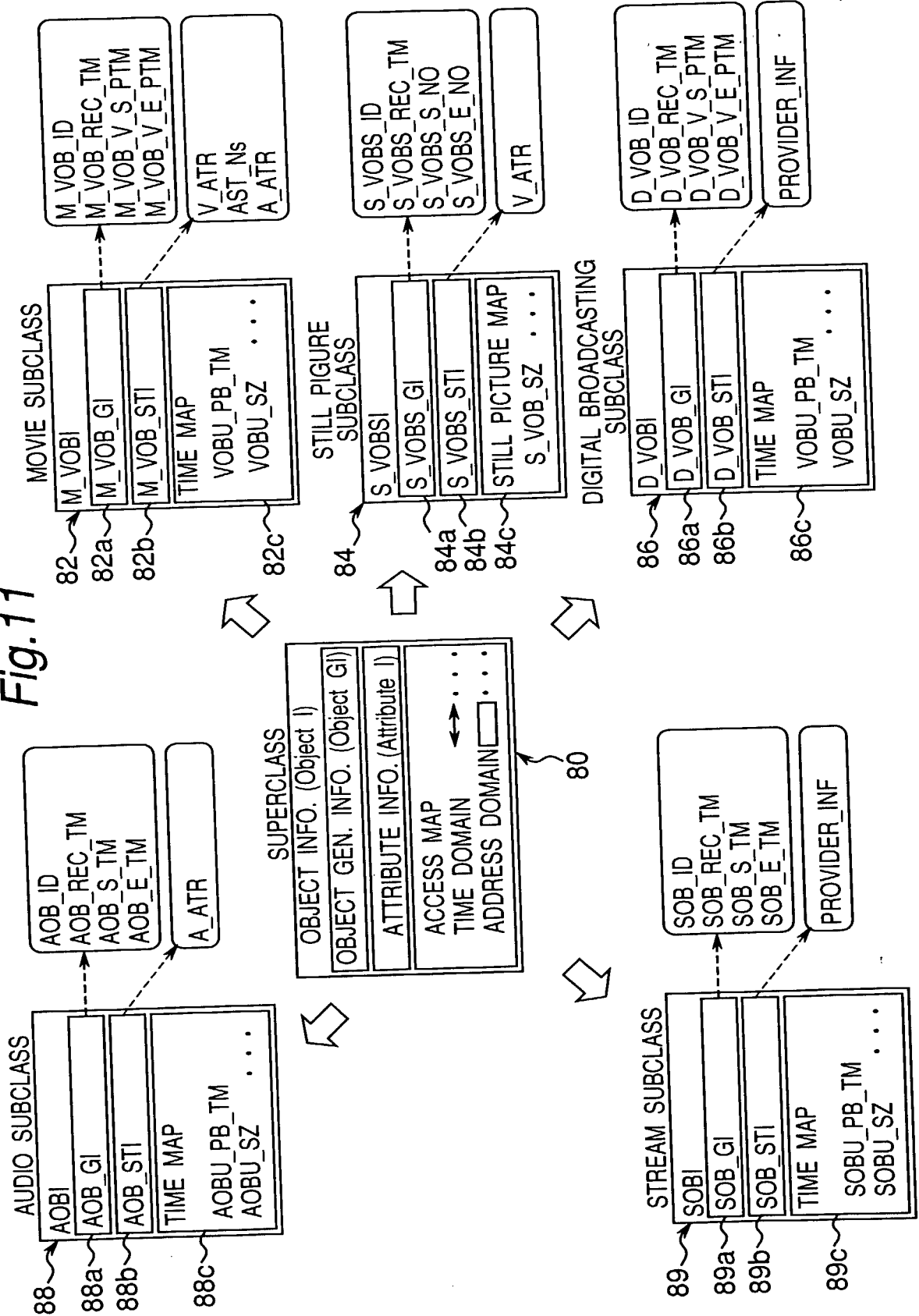
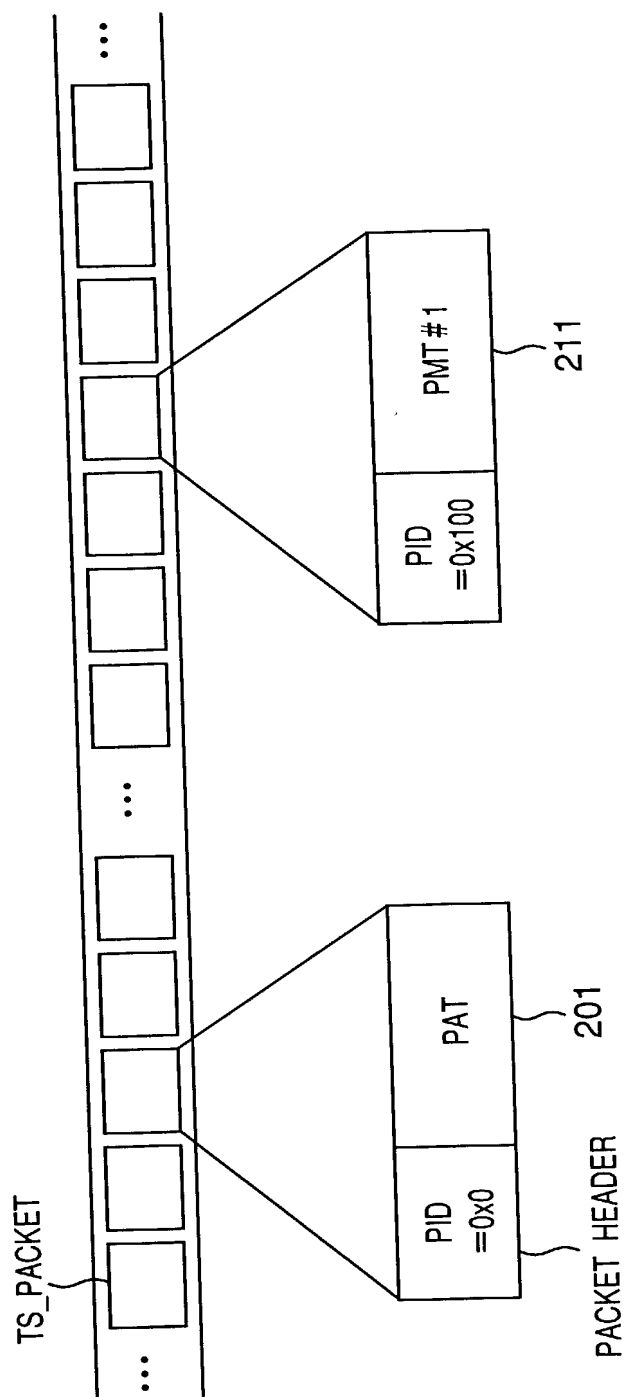


Fig. 11





ProgramID	PMT_PID
#1	0x100
⋮	⋮

201 PAT

ES_PID	Stream_type
0x101	ISO / IEC11172 - 2 Video
0x102	ISO / IEC11172 - 3 Audio
:	:

211 PMT

Fig. 14

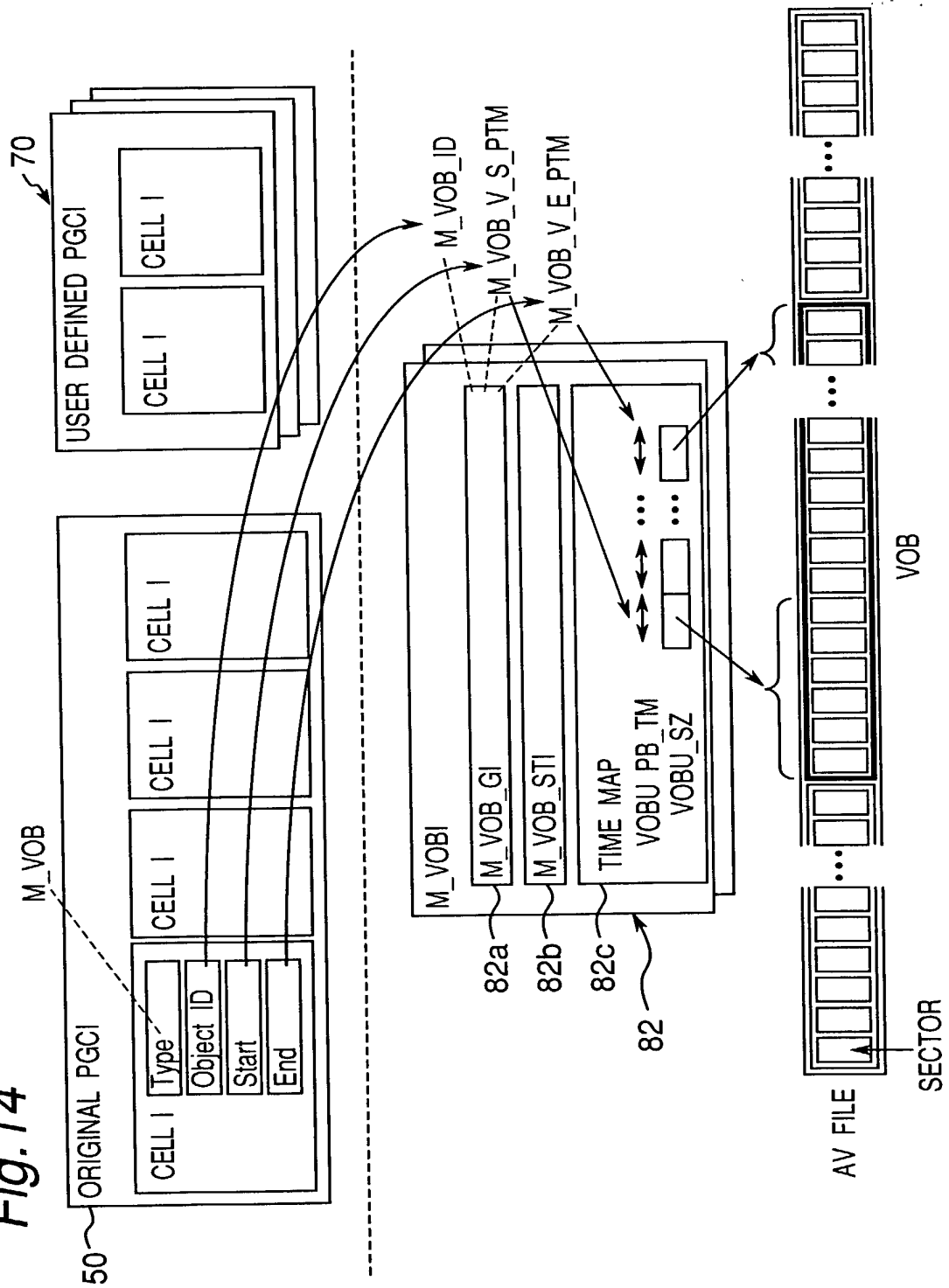
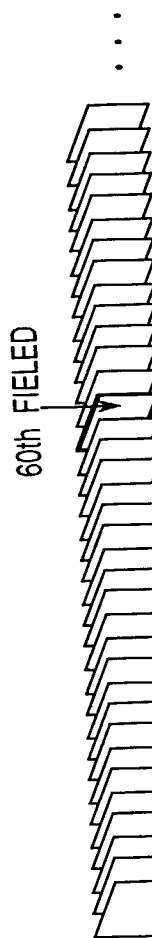


Fig. 15A



ADR_OFF
=5010 SECTORS
VOBU_PB_TM
VOBU_SZ

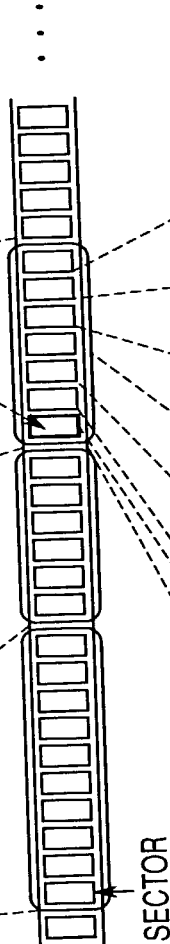
Fig. 15B

VOBU#1	VOBU#2	VOBU#3
24 FIELDS	30 FIELDS	24 FIELDS
125 SECTORS	98 SECTORS	115 SECTORS

...

ADDRESS
DOMAIN

Fig. 15C



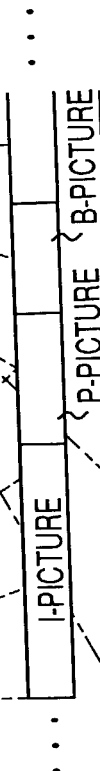
VOB
(SYSTEM STREAM)

Fig. 15D



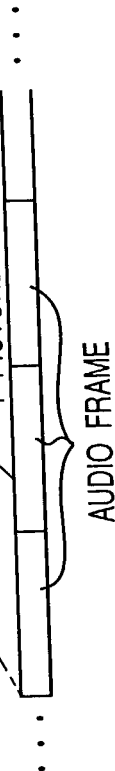
VIDEO STREAM

Fig. 15E



AUDIO STREAM

Fig. 15F



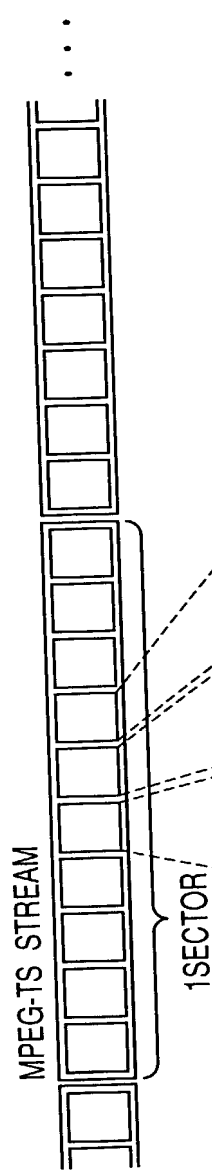


Fig. 16A ...

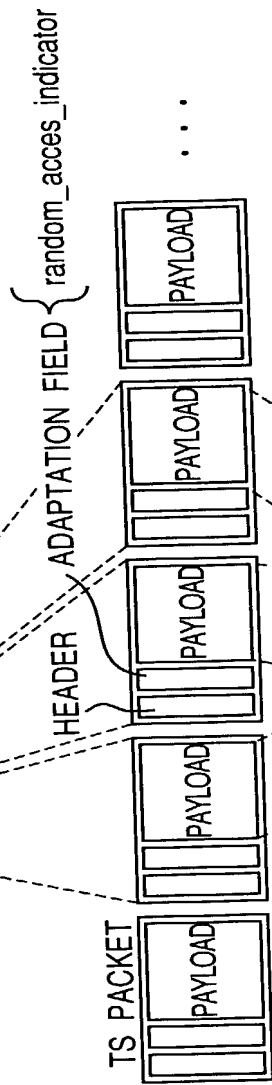


Fig. 16B

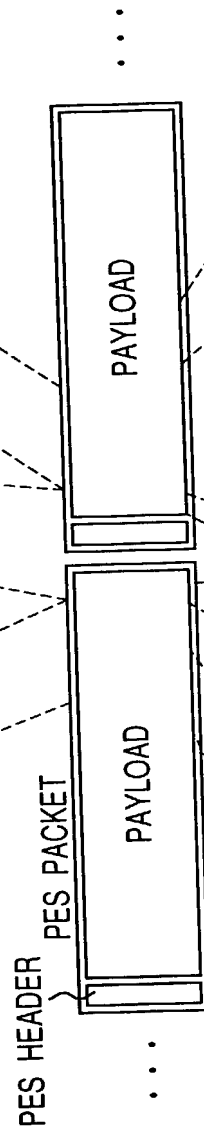


Fig. 16C

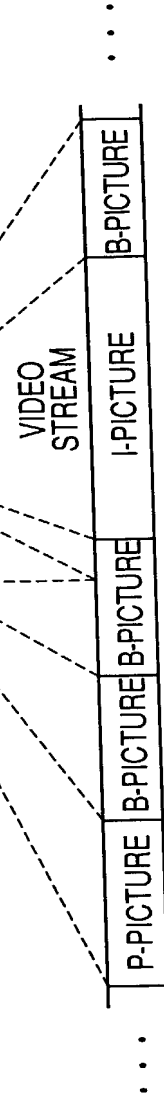


Fig. 16D

Fig. 17

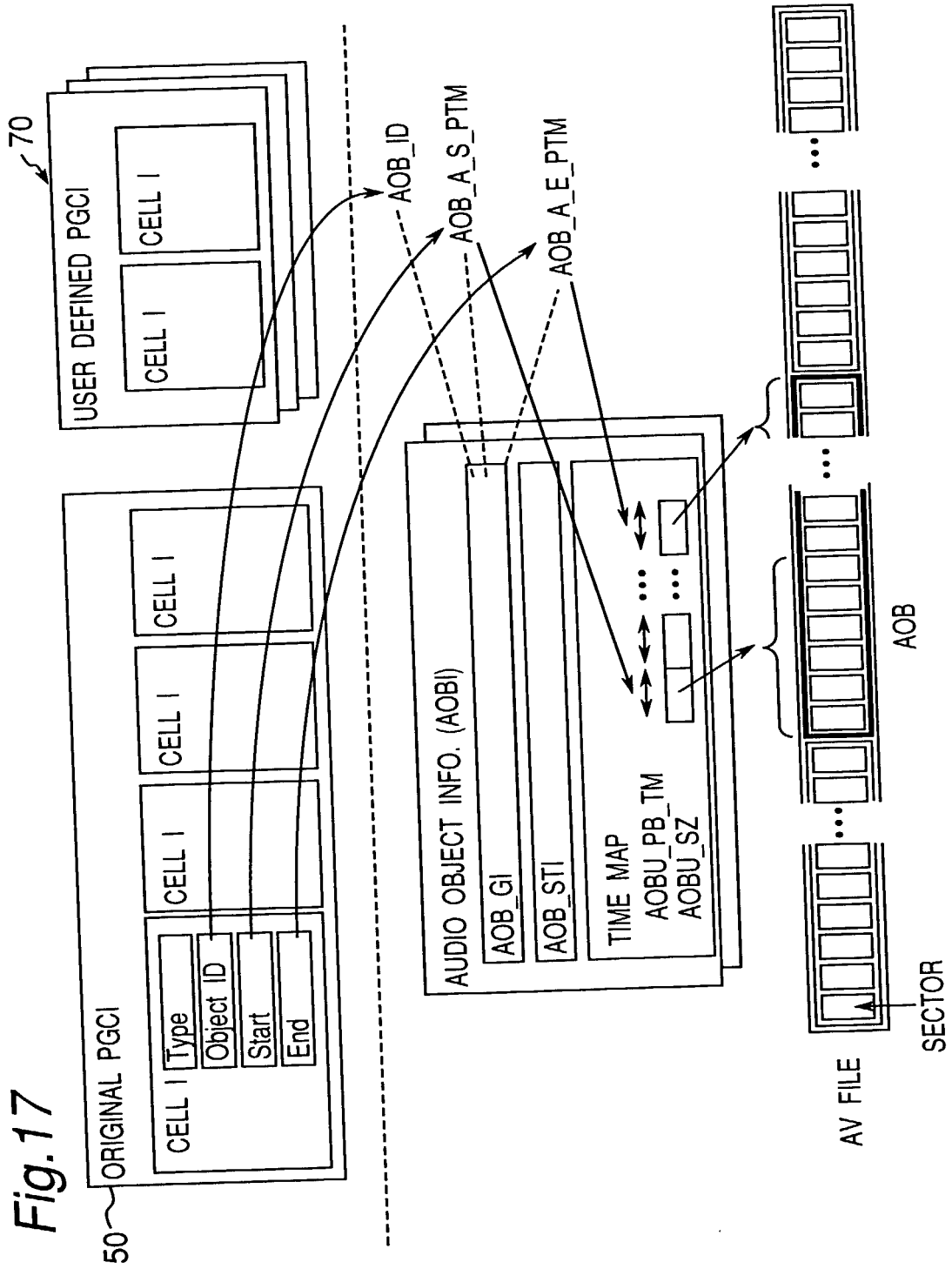


Fig.18

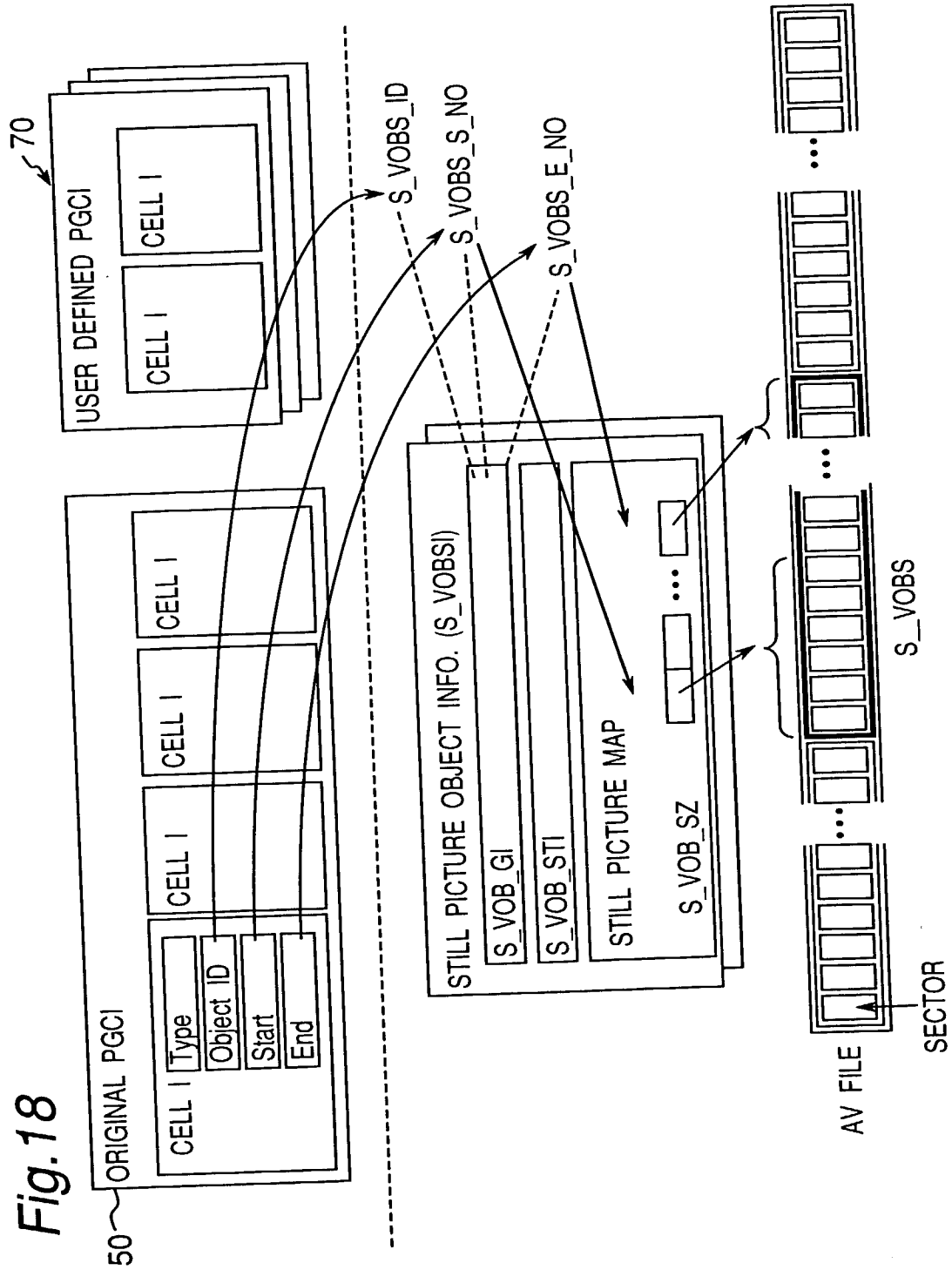
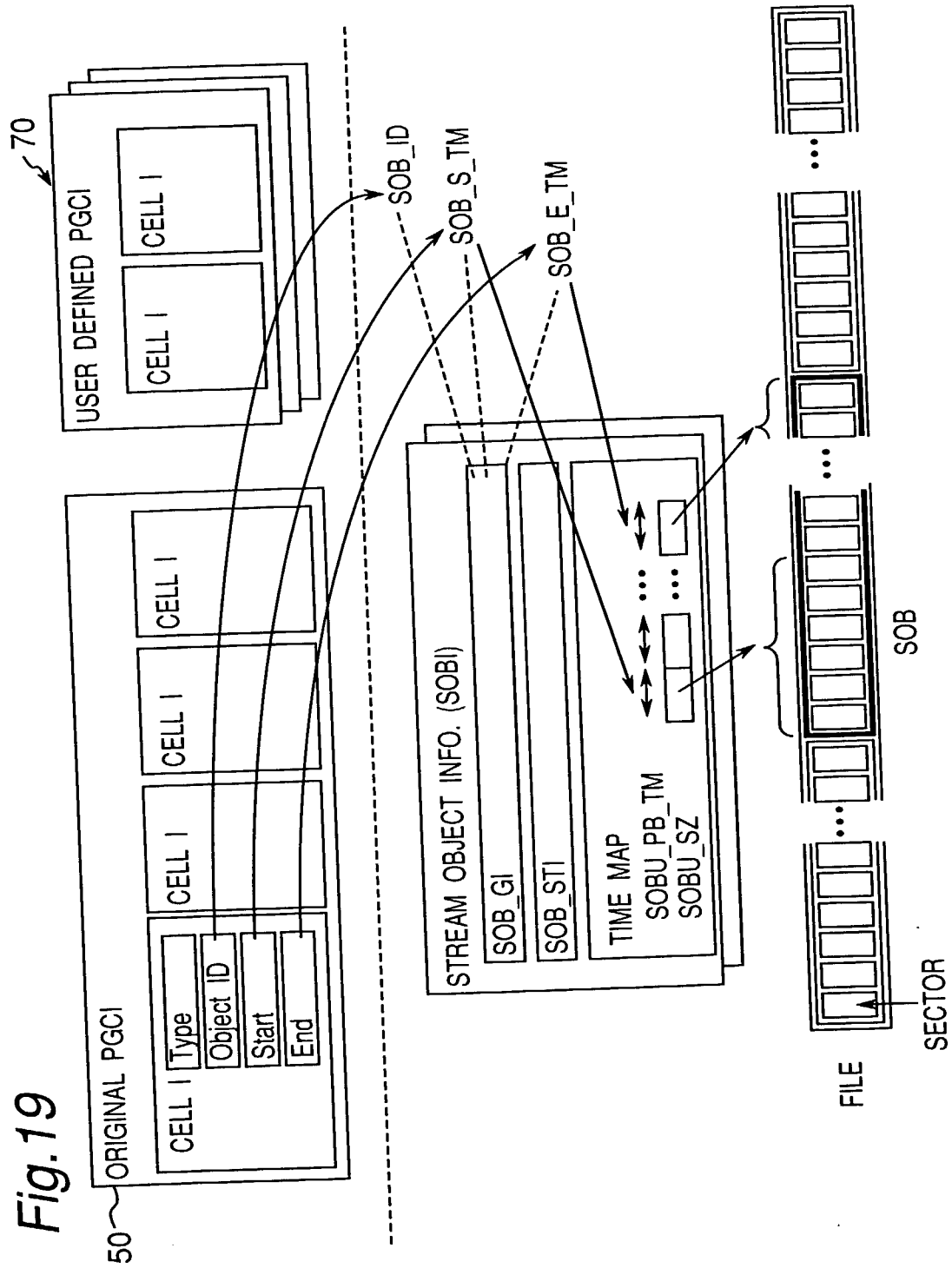


Fig. 19



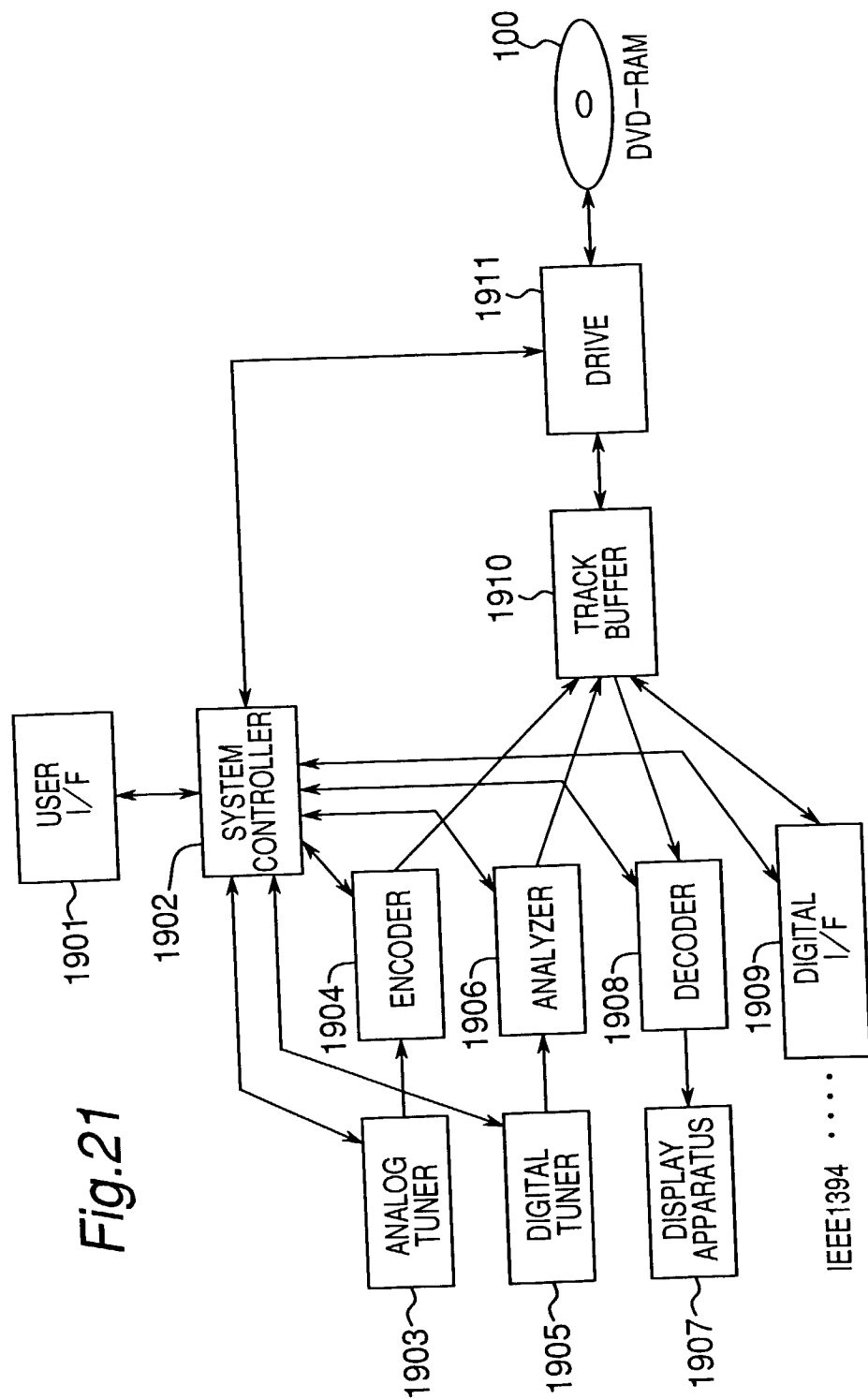
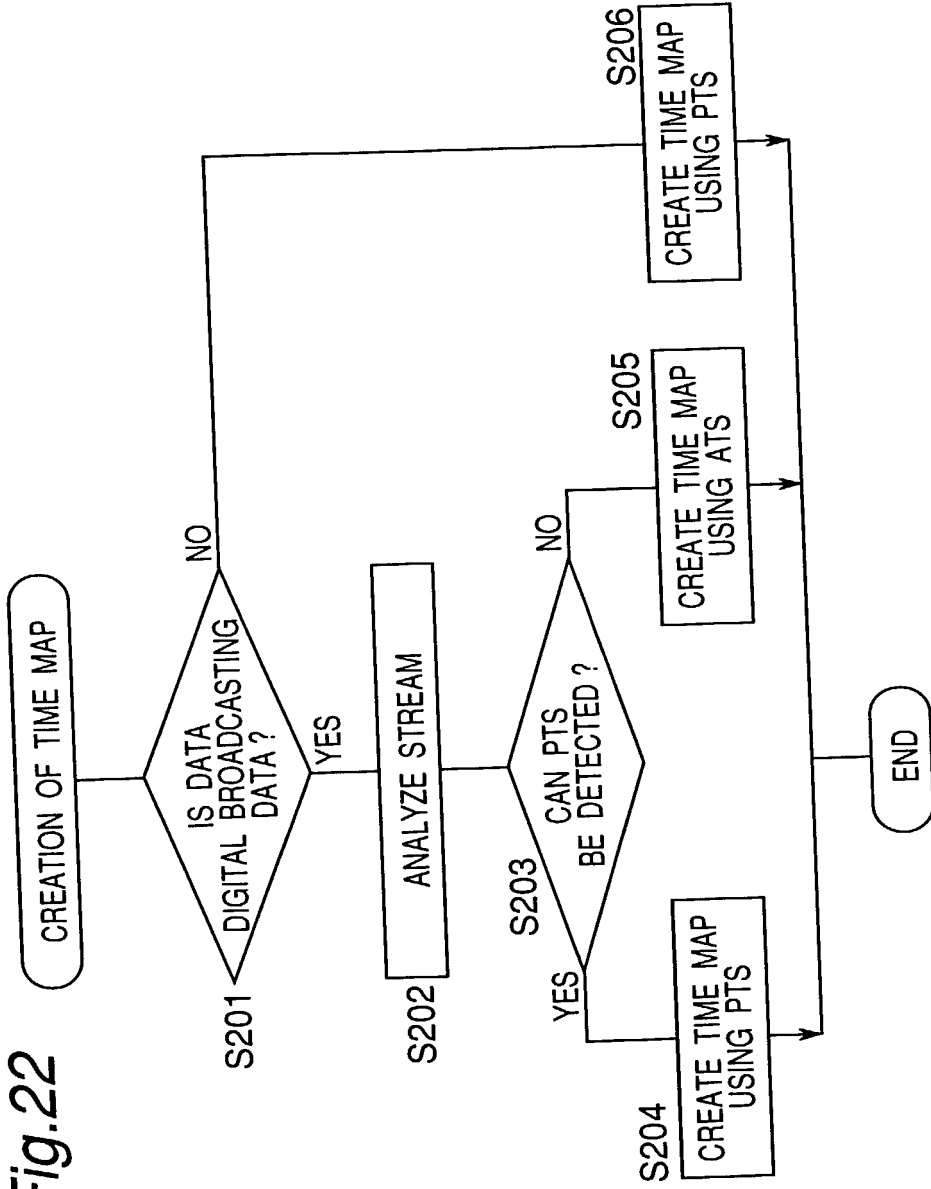
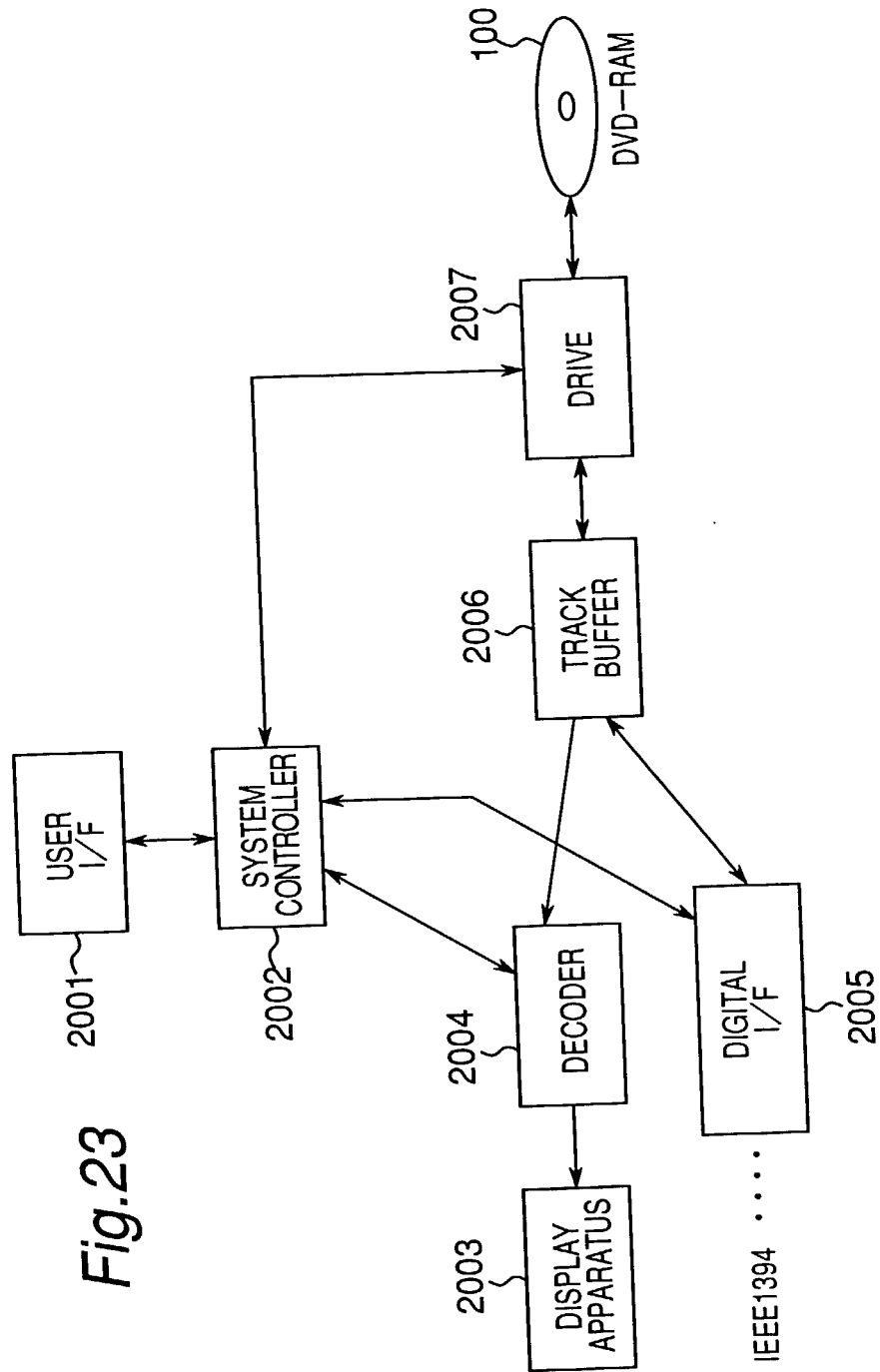


Fig. 21

Fig. 22





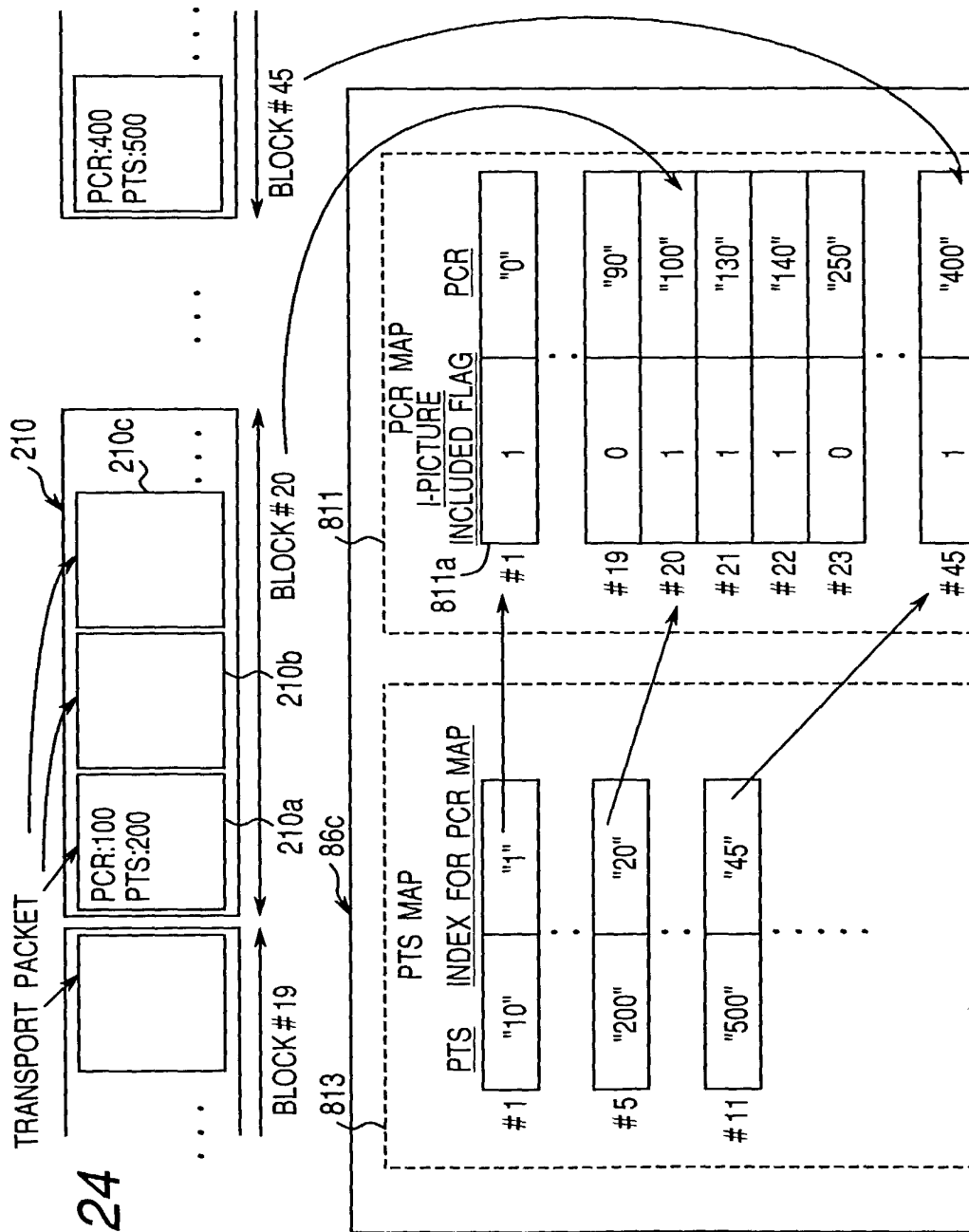


Fig.24

Fig.25

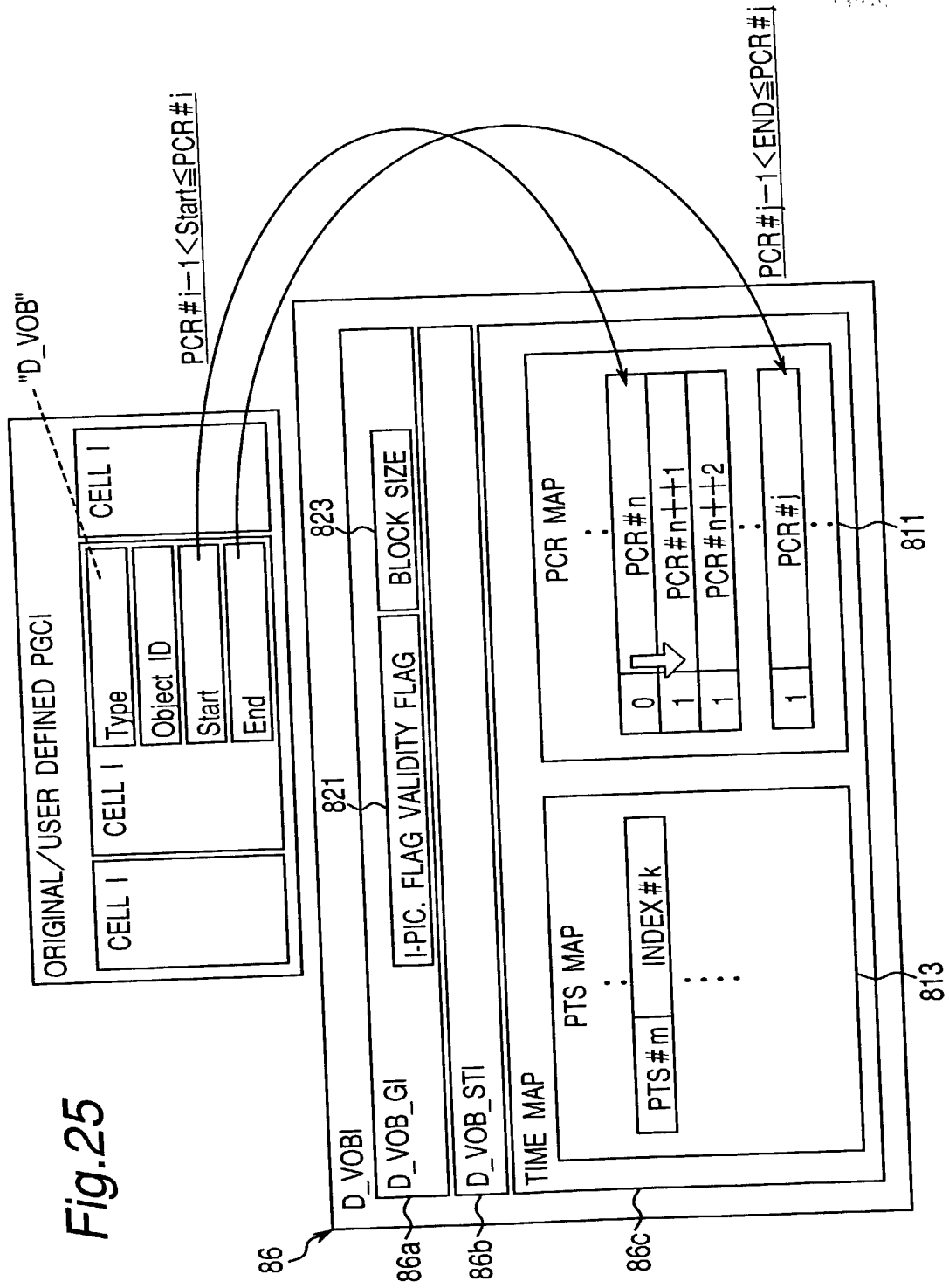


Fig.26

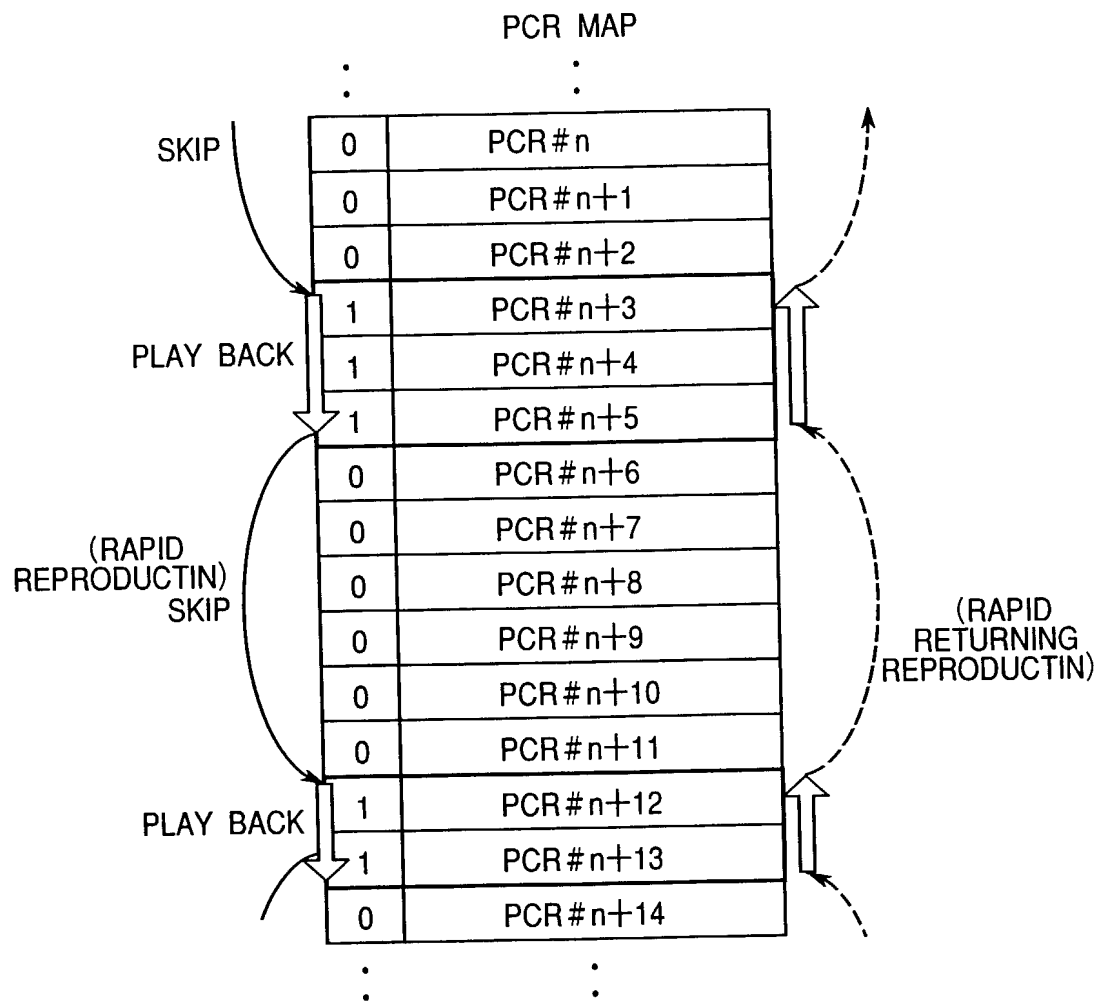
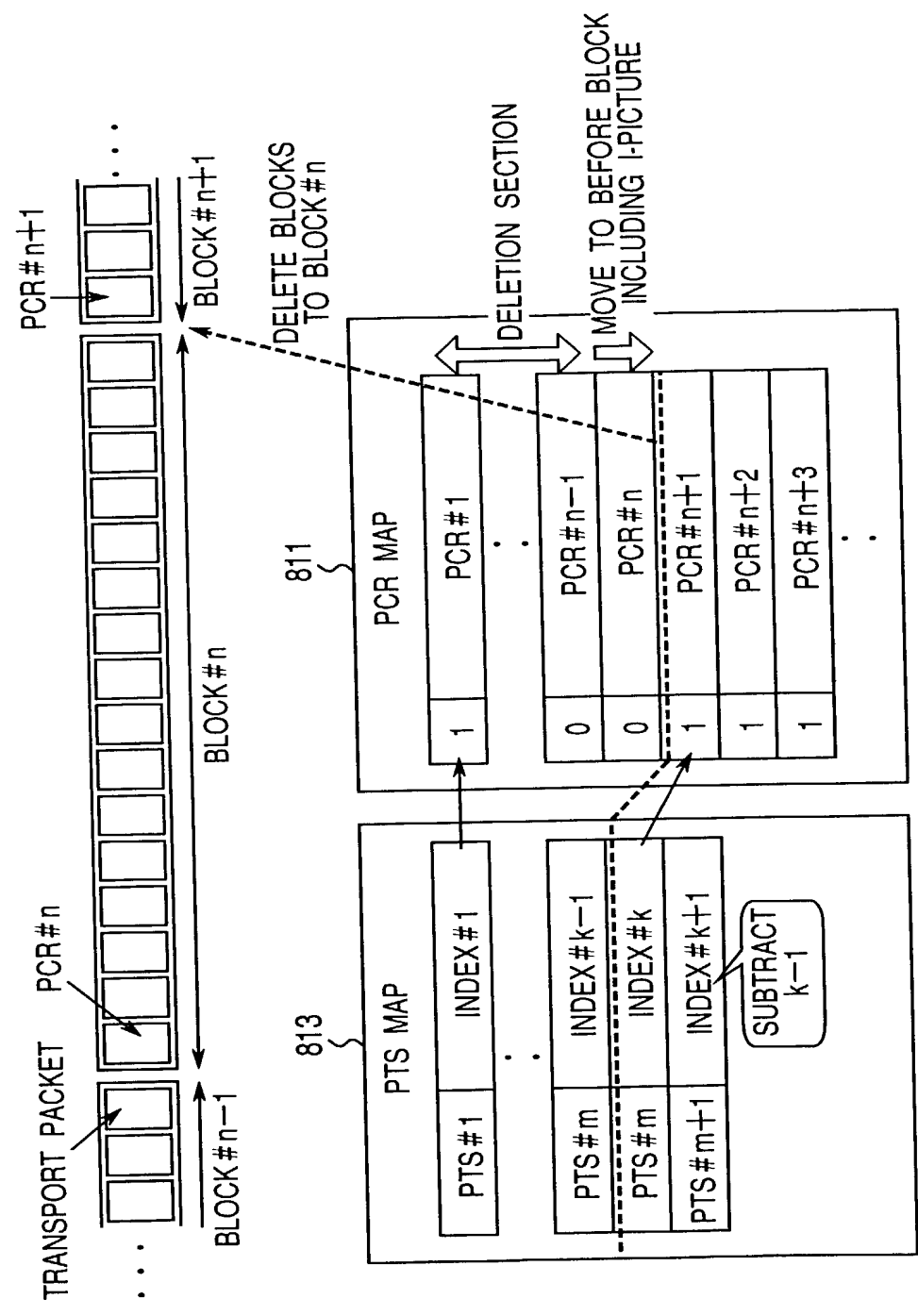


Fig.27



GENERAL INFORMATION OF DIGITAL BROADCASTING OBJECT

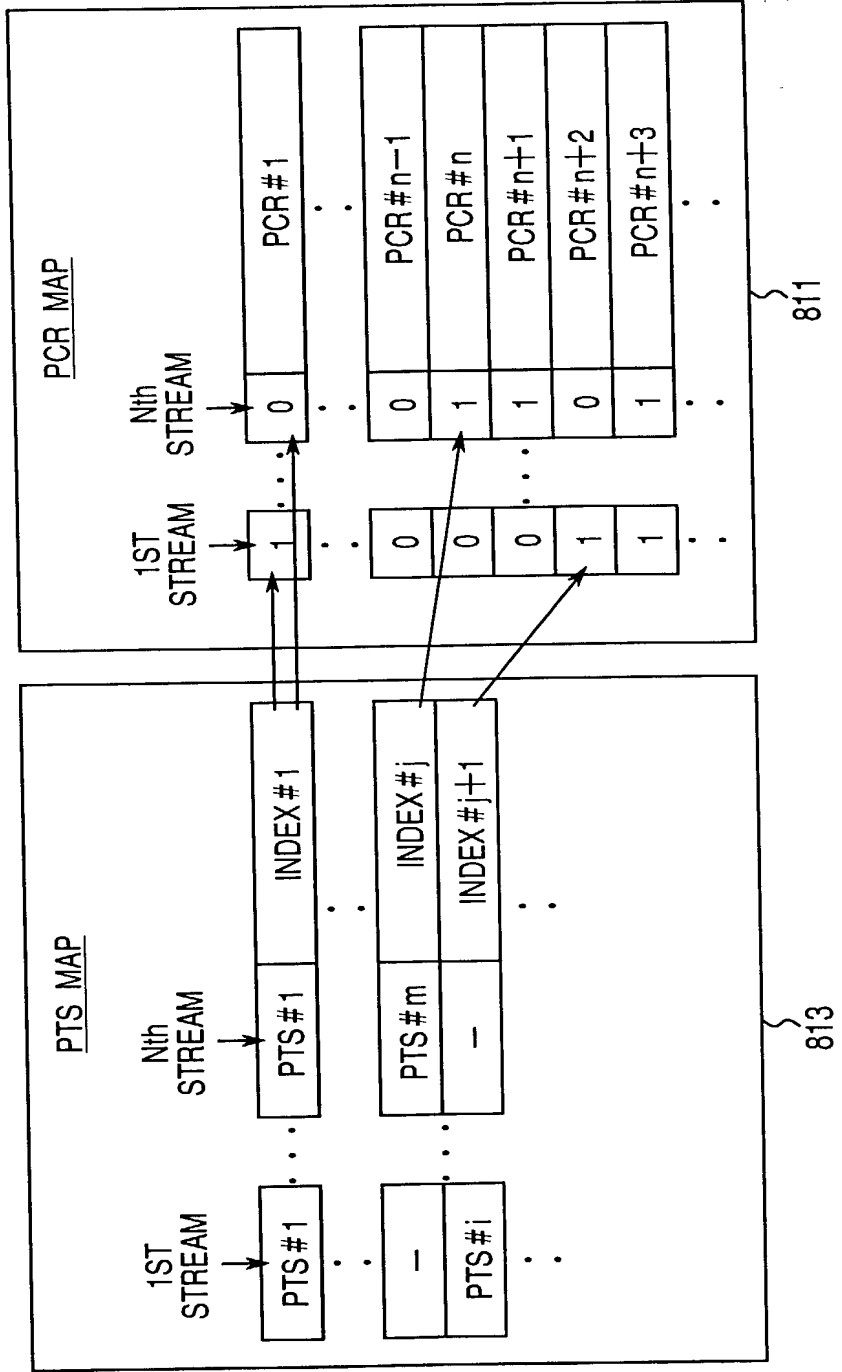
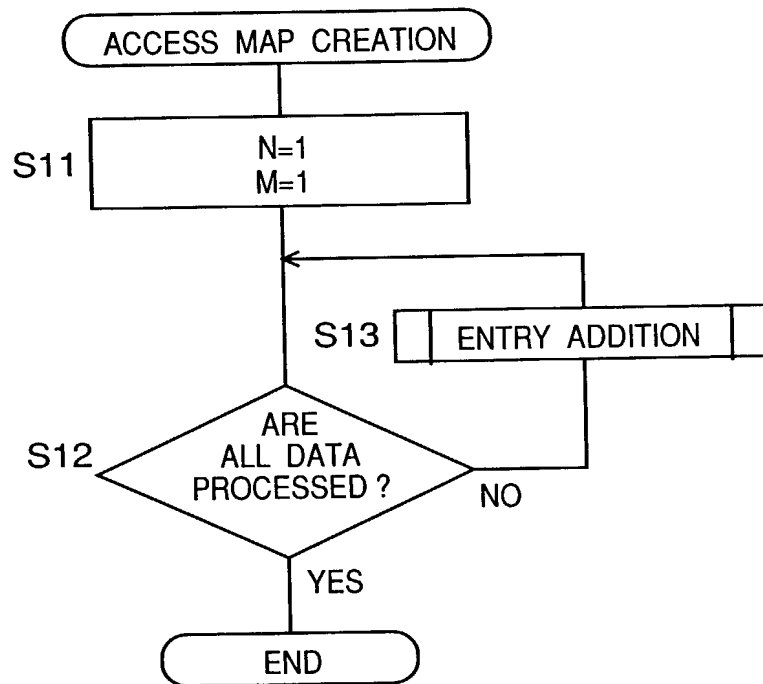


Fig.29



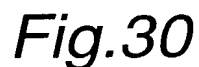


Fig.31

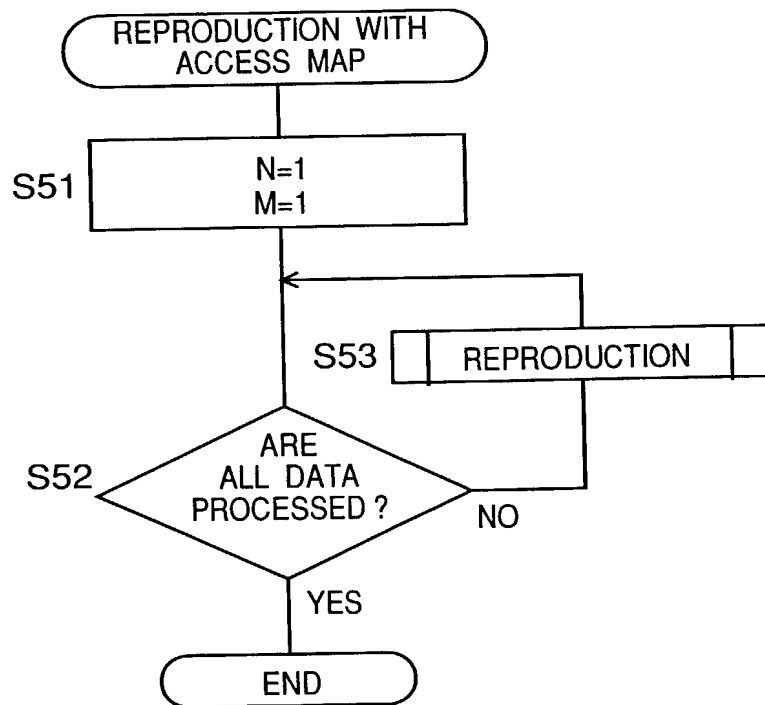


Fig.32

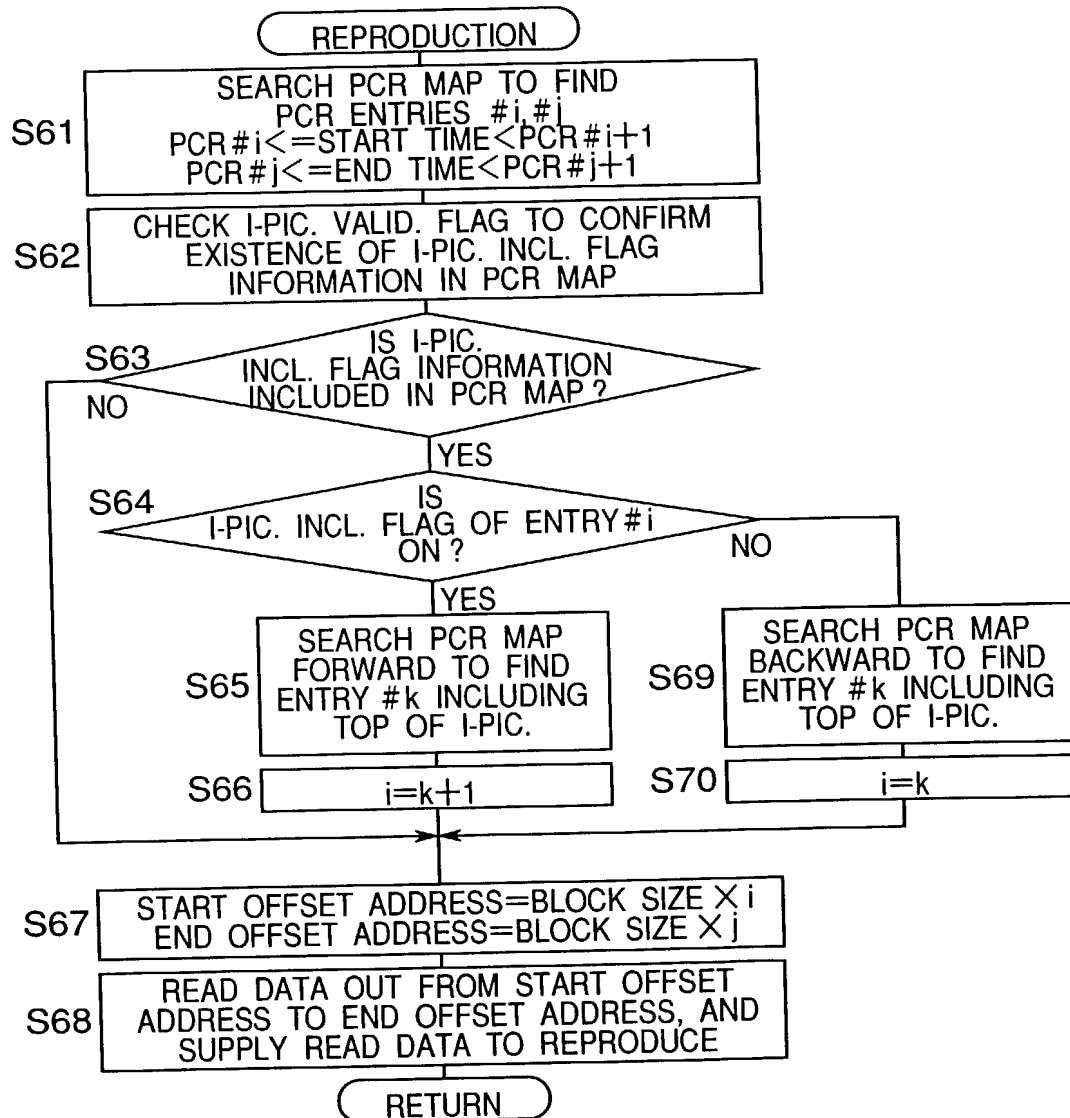


Fig. 33A

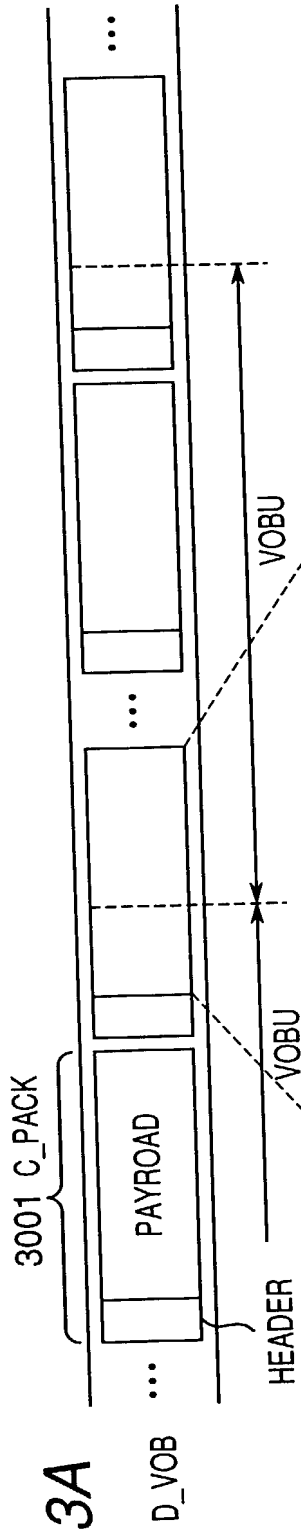


Fig. 33B

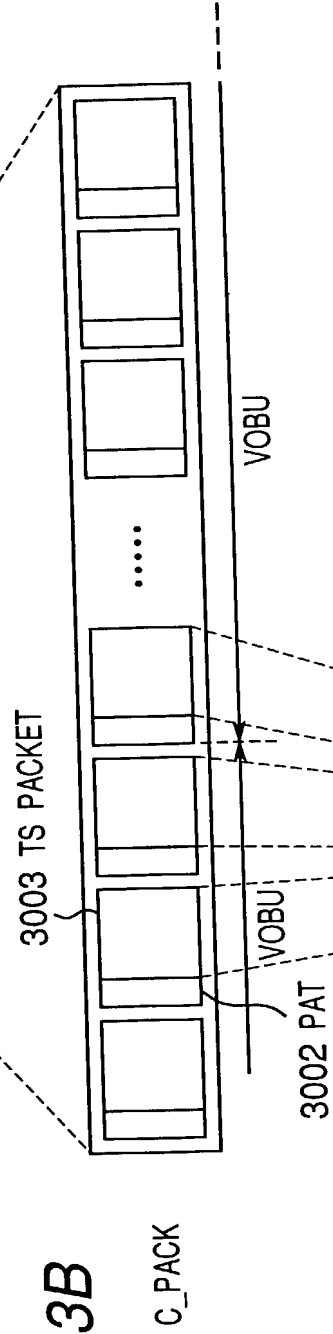


Fig. 33C

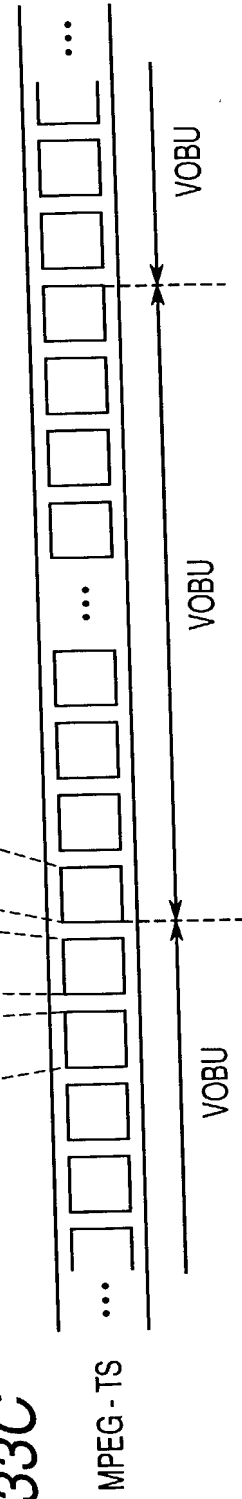
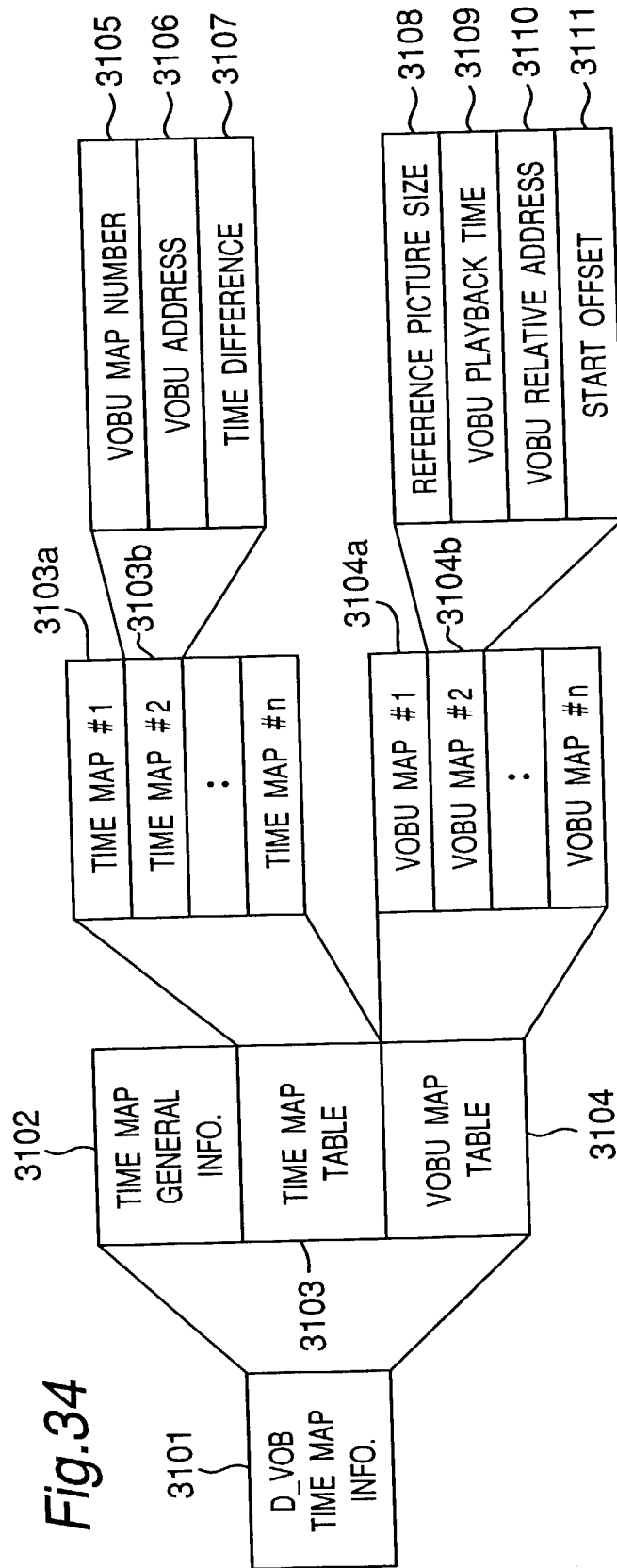
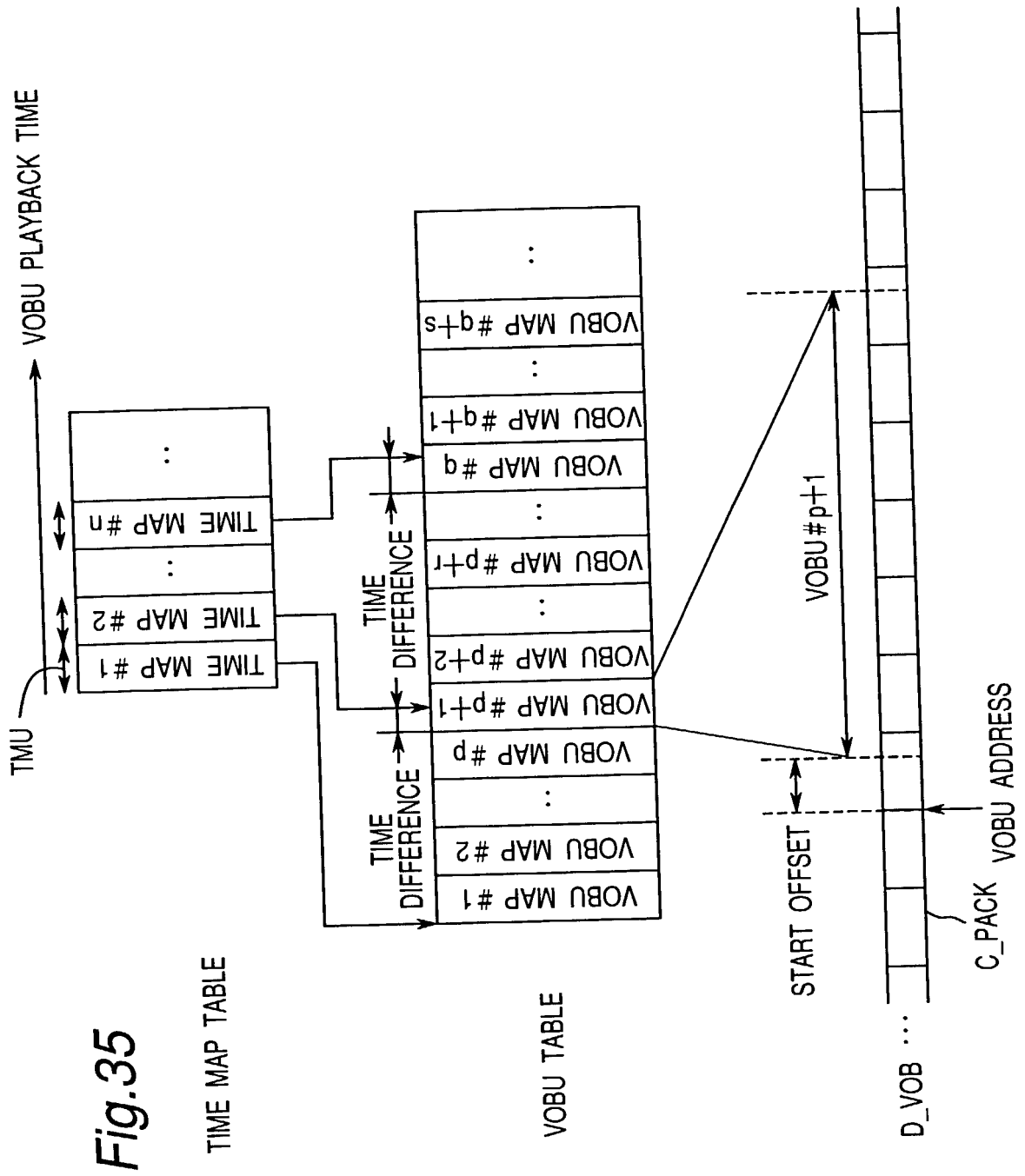
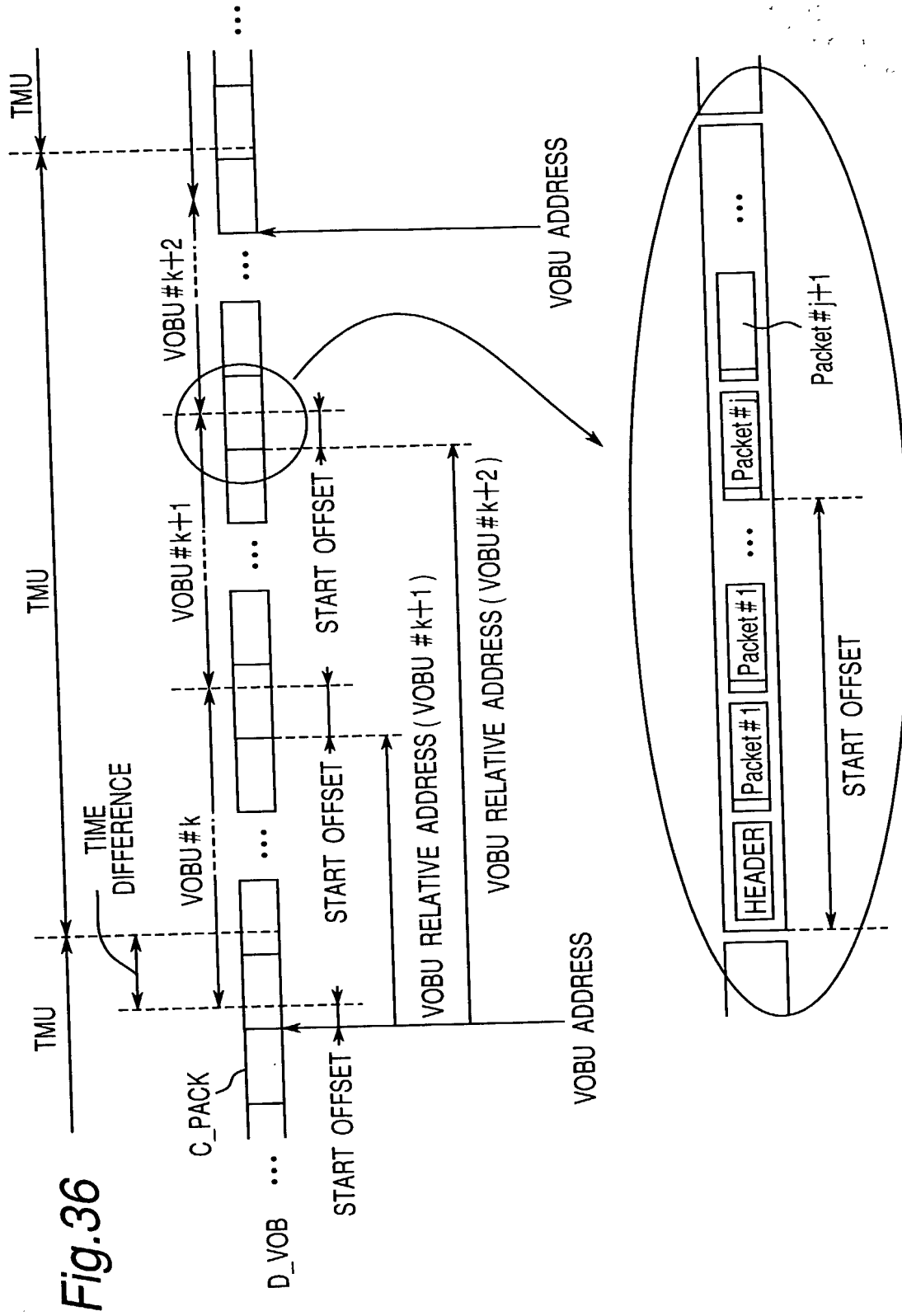
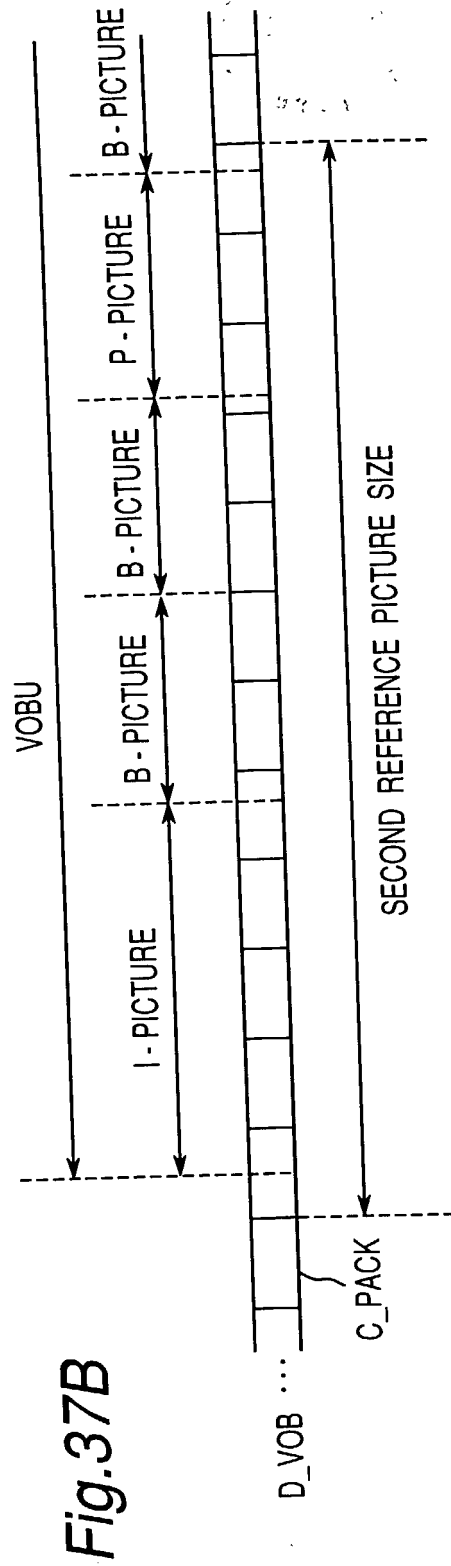
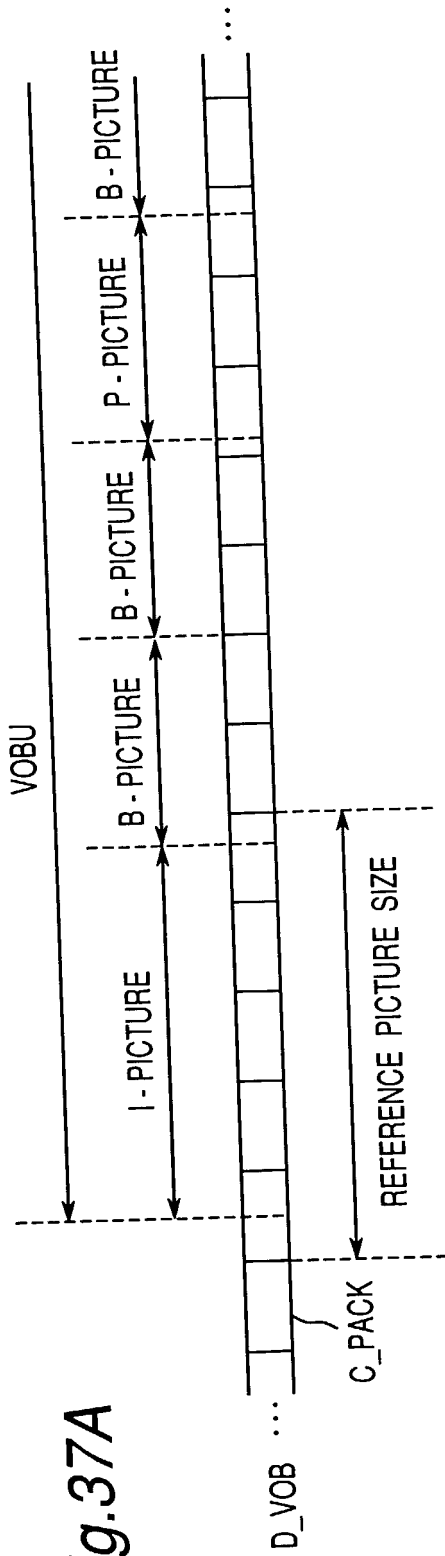


Fig.34









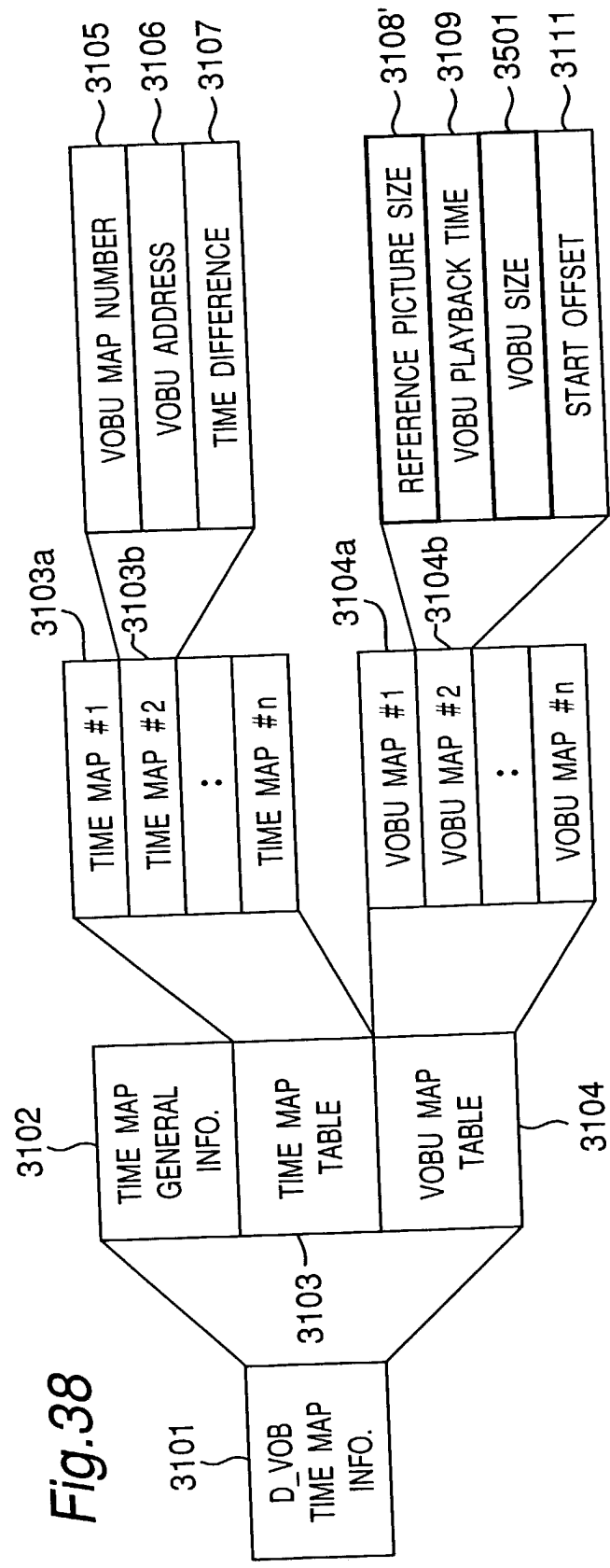
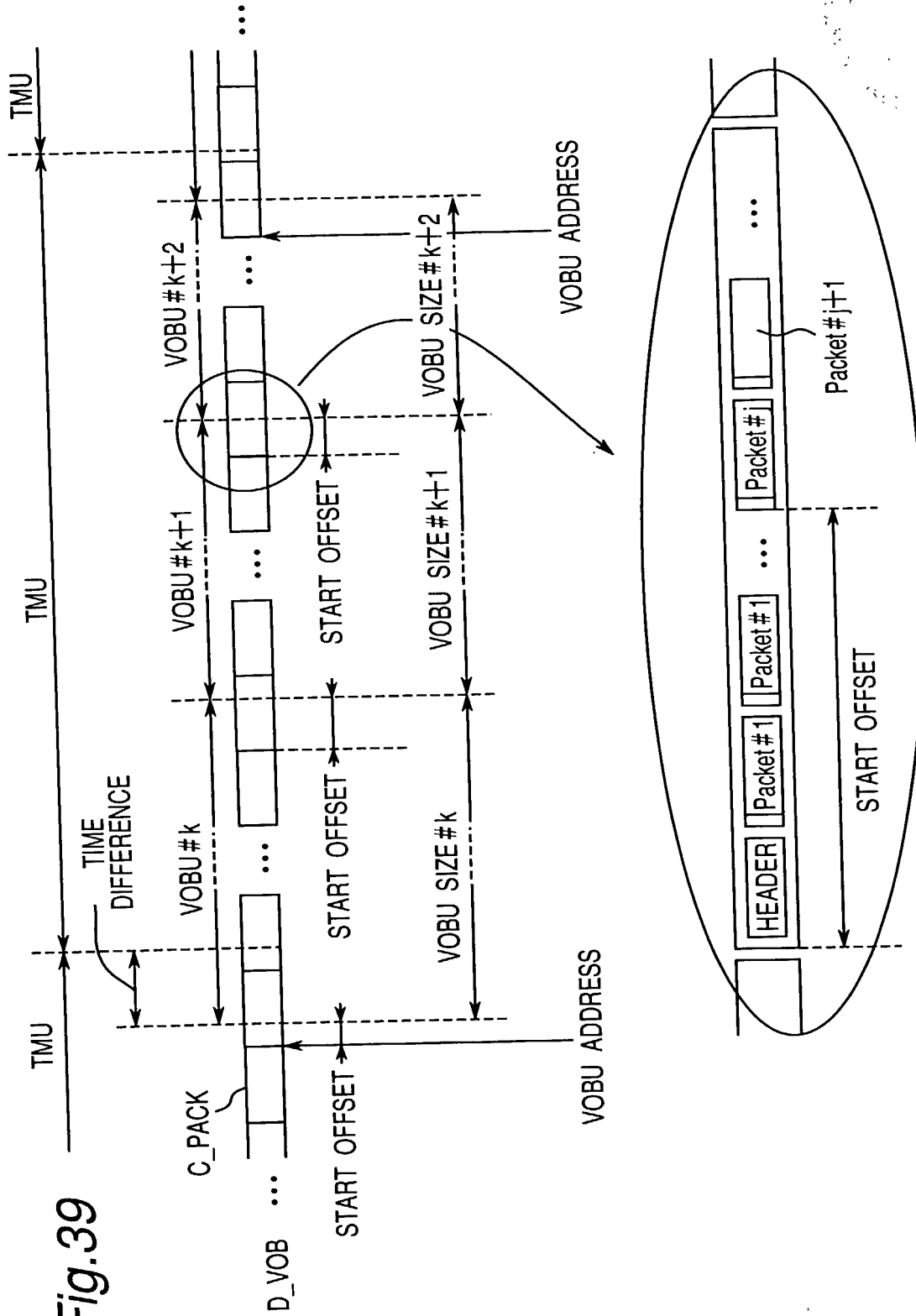


Fig. 39



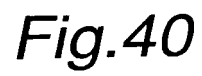


Fig. 41

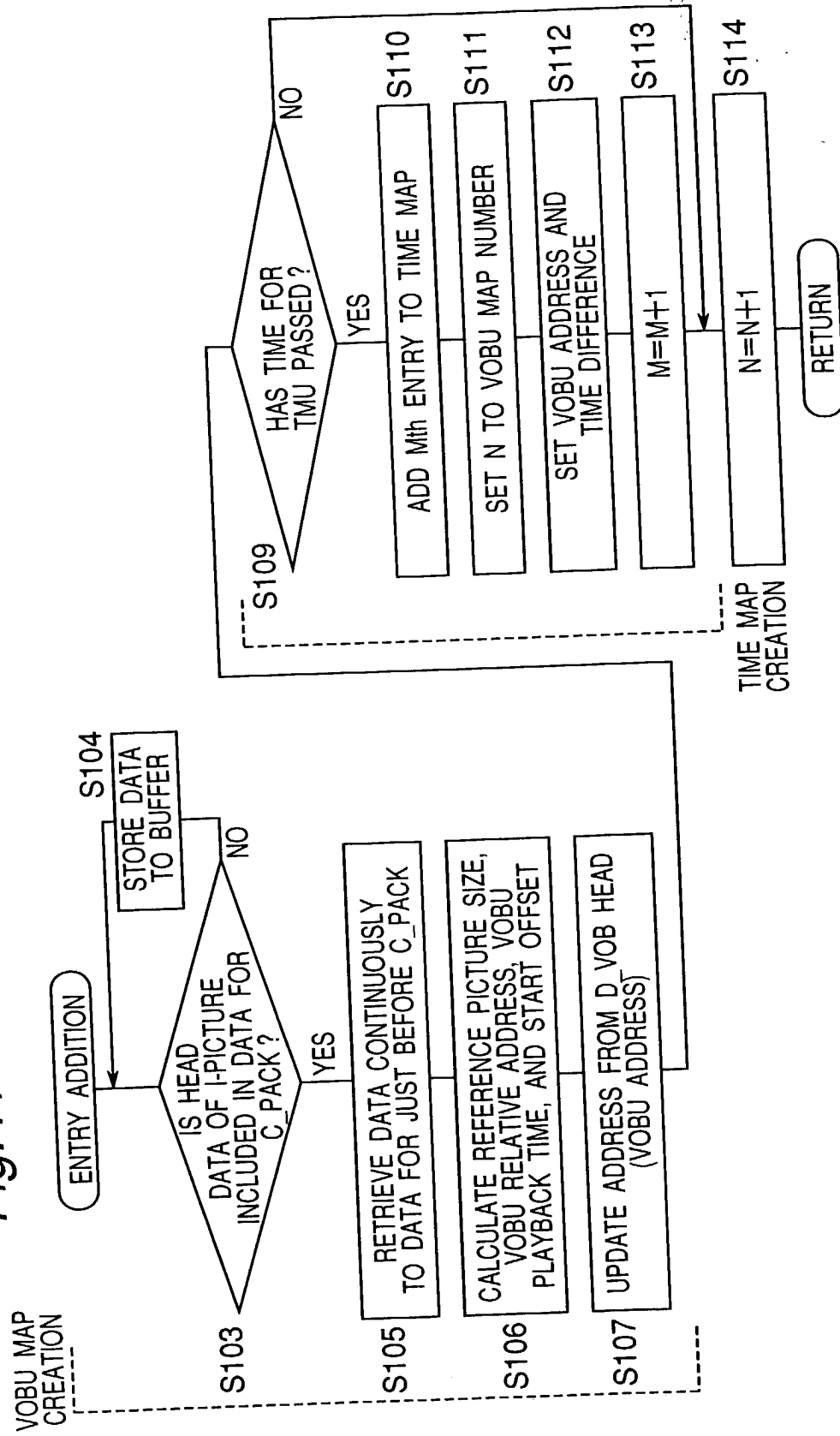
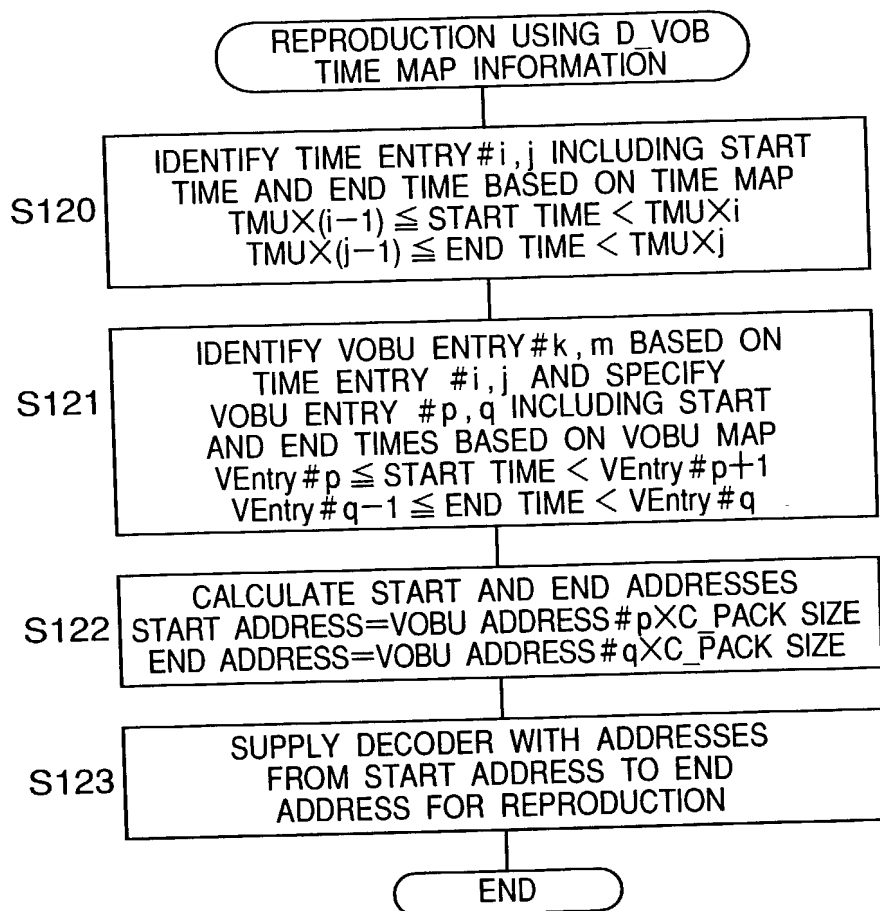


Fig.42



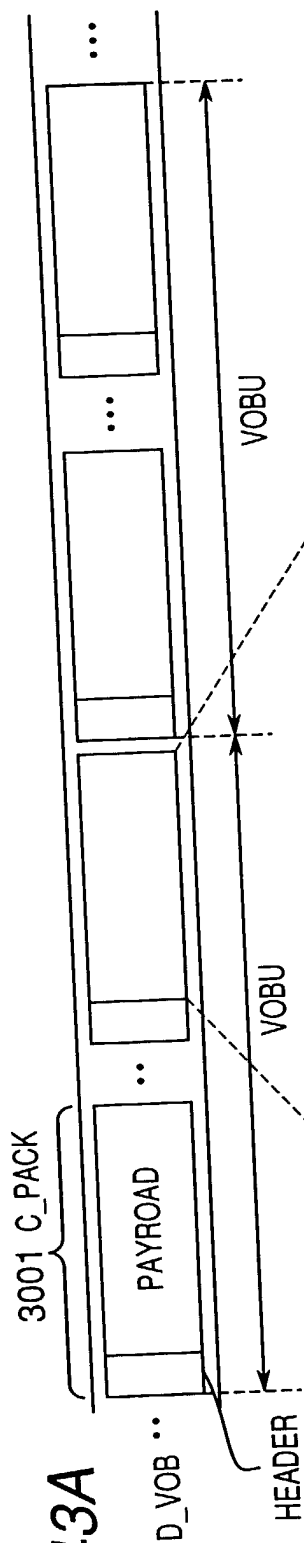


Fig. 43A

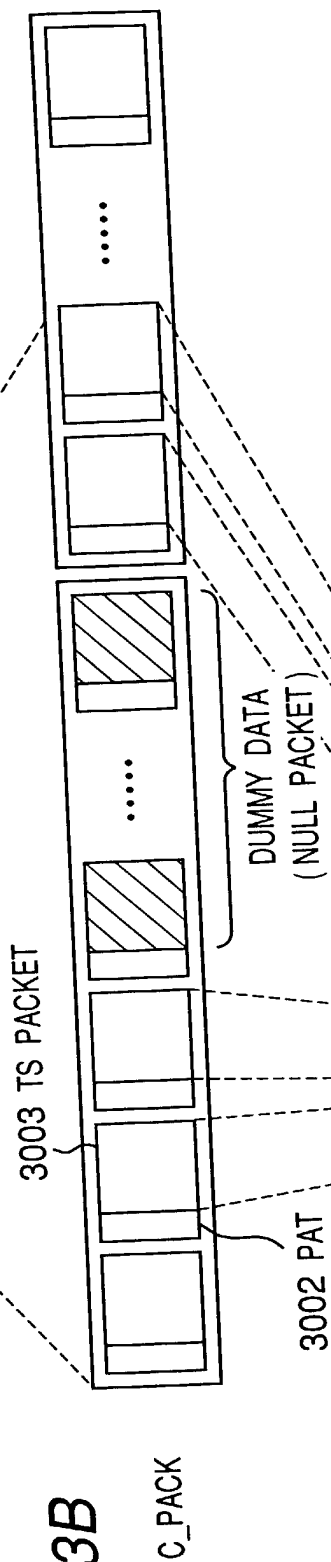


Fig. 43B

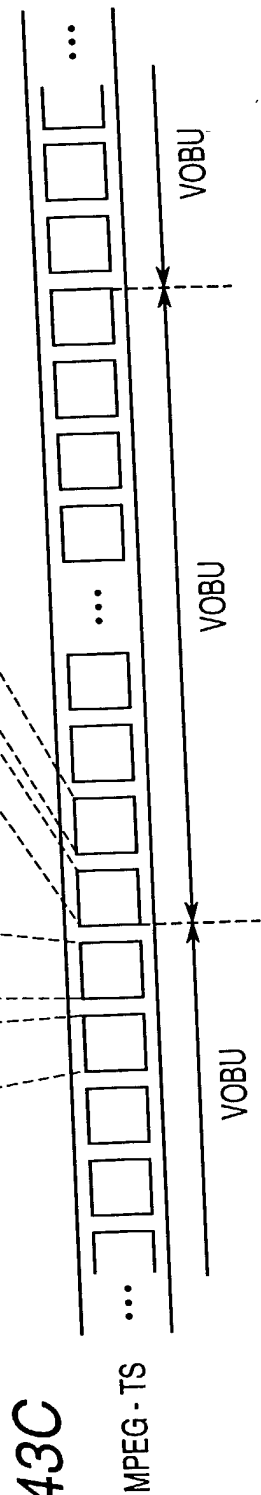


Fig. 43C

Fig. 44A

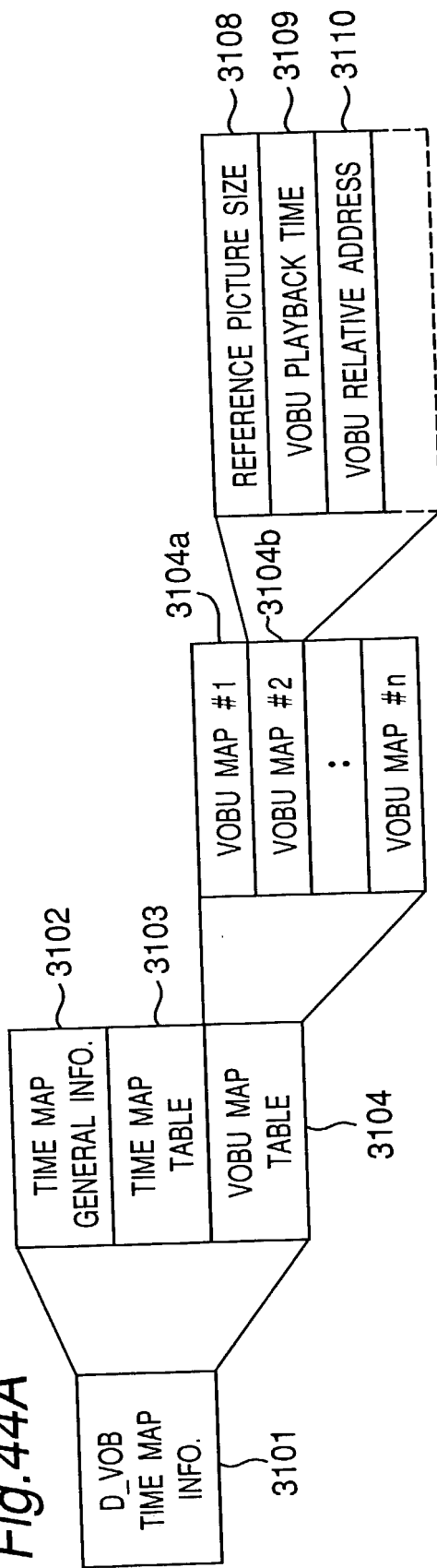
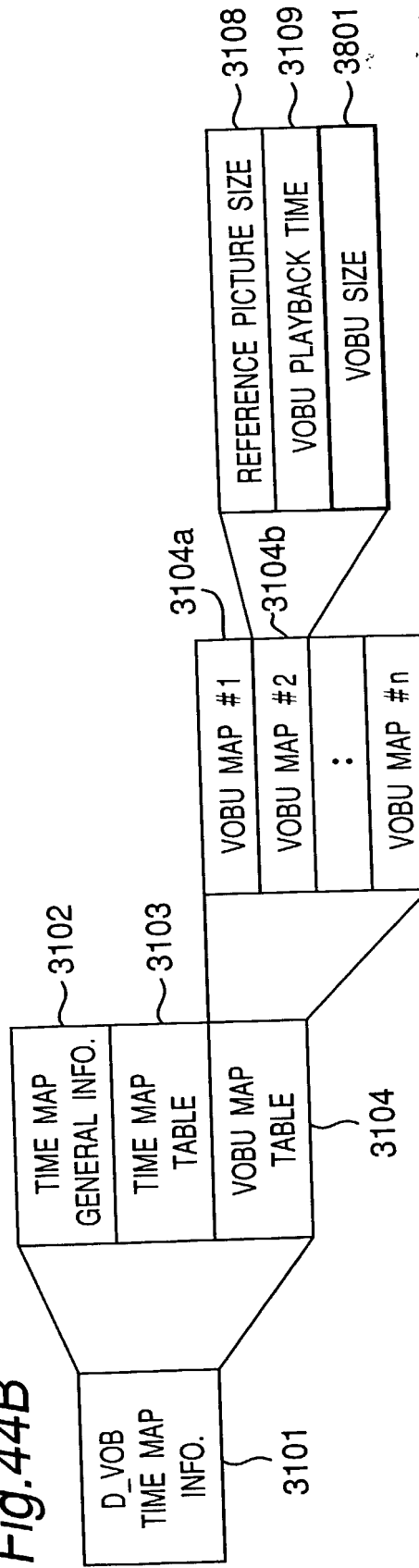
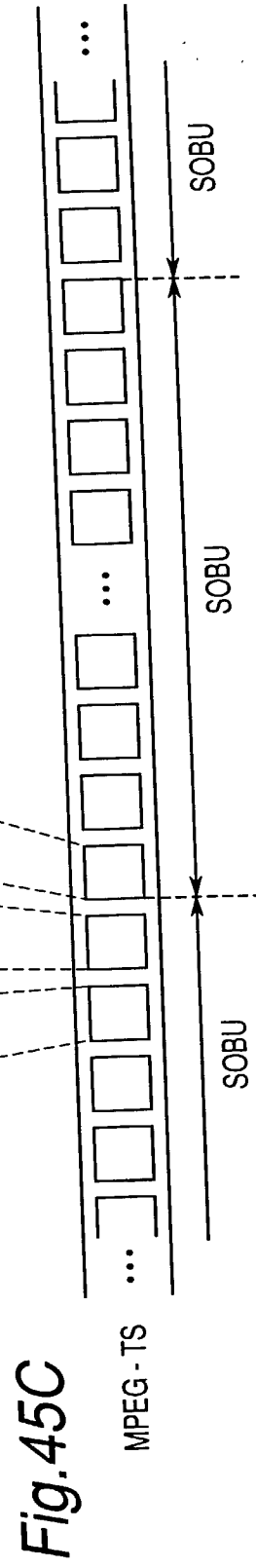
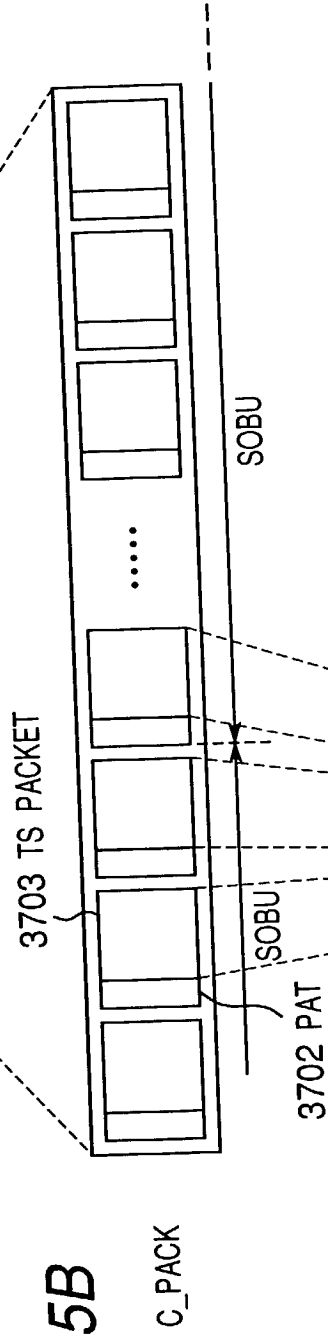
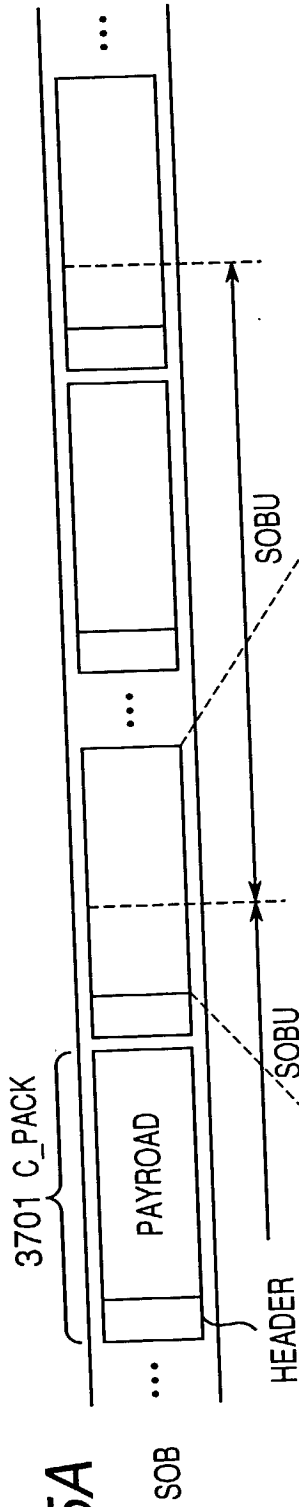
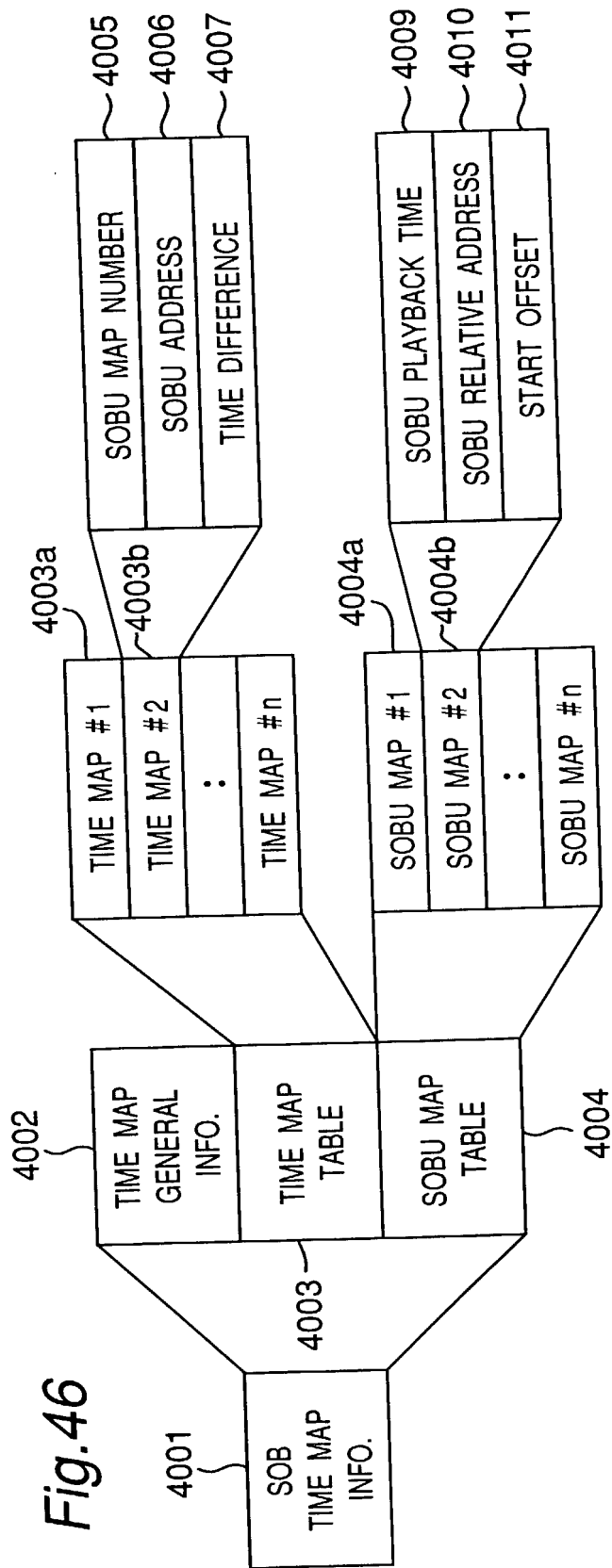


Fig. 44B





• • •



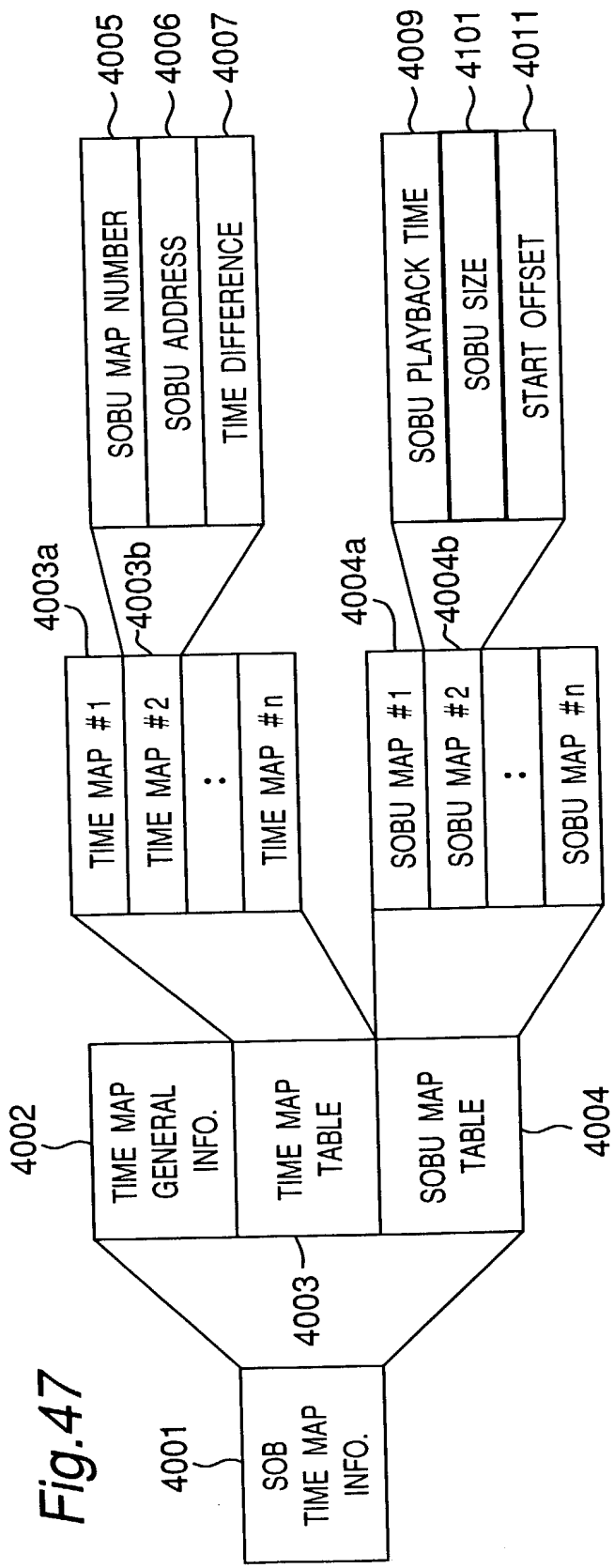


Fig.47